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## ABSTRACT

This document is intended as a data file user's manual for the dataset resulting from the High School and Beyond Postsecondary Education Transcript Study. The purpose of this study, conducted during 1984-85, was to provide reliable and objective information about the types and patterns of postsecondary courses taken by all members of the High School and Beyond (HS&B) 1980 senior cohort. Transcripts were requested from each school reported by sample members in their responses to the first and second follow-up surveys. Information from the transcripts, including terms of attendance, fields of study, specific courses taken, and grades and credits earned, were coded and processed into a system of data files designed to be merged with HS&B questionnaire data files. The Computer Assisted Data Entry System was used for processing the collected data into a four-level hierarchy consisting of data at the student, transcript, term, and course levels. The file includes specific data items in the student-level records including: physical tape position on the data record, a short description of the field contents, and the nature of the value stored in the field. Frequently distributions for all categorical variables on the student record are displayed in the enclosed codebook. The appendices, which make up over three-fourths of the document, contain: (1) a list of endorsing institutions; (2) postsecondary school codes in numerical and alphabetical order; (3) course subject codes in numerical order; (4) the data file record layout; (5) information on other HS&B data files available from the Center of Statistics; (6) sampling error and design effects; and (7) frequency distributions. (JAZ)

**High School and Beyond  
Postsecondary Education Transcript Study**

**Data File User's Manual**

**National Opinion Research Center**

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**\* \* \* \* NOTE \* \* \* \***

**Appendices are available in hardcopy form only**

## 1. INTRODUCTION

The High School and Beyond Postsecondary Education Transcript Study (PETS), conducted during 1984-85, involved the collection and processing of school transcripts for all members of the HS&B elder cohort (1980 senior cohort) who had attended any form of postsecondary institution since leaving high school. Transcripts were requested from each school reported by sample members in their responses to the HS&B first follow-up (1982) and second follow-up (1984) surveys. Records were obtained from all types of postsecondary institutions, ranging from short-term vocational or occupational programs through major universities with graduate programs and professional schools. Information from the transcripts, including terms of attendance, fields of study, specific courses taken, and grades and credits earned, were coded and processed into a system of data files designed to be merged with HS&B questionnaire data files. On the same schedule and using identical procedures, transcript data were also collected and processed for members of the National Longitudinal Study of the High School Class of 1972 (NLS-72) who had attended any form of postsecondary school. A separate data file user's manual has been produced for this dataset, which may be obtained directly from the Department of Education Center for Statistics.

The purpose of the Postsecondary Education Transcripts Study is to provide reliable and objective information about the types and patterns of postsecondary courses taken by HS&B sample members since the base year data were collected in 1980. Because the transcript data file supplements a large, expanding database from the HS&B survey, course-taking patterns and performance can be statistically related to a wide range of other factors, including student characteristics and occupational and economic outcomes.

### 1.1 Overview

#### 1.1.1 The CS Longitudinal Studies Program

The mandate of the Center for Statistics (CS), formerly the National Center for Education Statistics (NCES), includes the responsibility to "collect and disseminate statistics and other data related to education in the United States" and to "conduct and publish reports on specific analyses of the meaning and significance of such statistics" (Education Amendments of 1974 - Public Law 93-380, Title V, Section 501, amending Part A of the General Education Provisions Act).

Consistent with this mandate and in response to the need for policy-relevant, time-series data on nationally representative samples of high school students, CS instituted the National Education Longitudinal Studies (NELS) program, a continuing long-term project. The general aim of the NELS program is to study longitudinally the educational, vocational, and personal development of high school students and the personal, familial, social, institutional, and cultural factors that may affect that development.

The overall NELS program utilizes longitudinal, time-series data in two ways: (1) each cohort is surveyed at regular intervals over a span of years, and (2) comparable data are obtained from successive cohorts, permitting studies of trends relevant to educational and career development and societal roles. Thus far, the NELS program consists of two major studies: The National Longitudinal Study of the High School Class of 1972 (NLS-72) and High School and Beyond (HS&B). A third major study, to begin in 1988 and to continue throughout the decade of the 1990s, is currently being planned.

The first major study, NLS-72, began with the collection of comprehensive base year survey data from approximately 19,000 high school seniors in the spring of 1972. The NLS-72 first follow-up survey added to the sample nearly 4,500 individuals who had been unable to participate at the time of the base year survey. Three more follow-up surveys were conducted in the fall and winter of 1974, 1976, and 1979, using a combination of mail surveys and personal and telephone interviews. The fifth follow-up survey occurs during the spring of 1986.

The second major survey, HS&B, was designed to inform Federal and State policy in the decade of the 1980s. HS&B began in the spring of 1980 with the collection of base year questionnaire and test data on over 58,000 high school seniors and sophomores. The first follow-up survey was conducted in the spring of 1982, and the second follow-up survey in the spring of 1984. The HS&B third follow-up survey is being conducted in the spring of 1986.

The three survey cohorts (NLS-72 seniors and the HS&B seniors and sophomores) are displayed in Figure 1 according to their initial and subsequent survey years and their modal age at the time of each survey. As shown, the NLS-72 seniors were first surveyed in 1972 at age 18 and have been resurveyed four times since, with the last survey occurring in 1979 when these young adults were about 25 years of age. The HS&B cohorts have been surveyed at points in time that would permit as much comparison as possible with the time points selected for NLS-72. In particular, three types of comparison are possible.

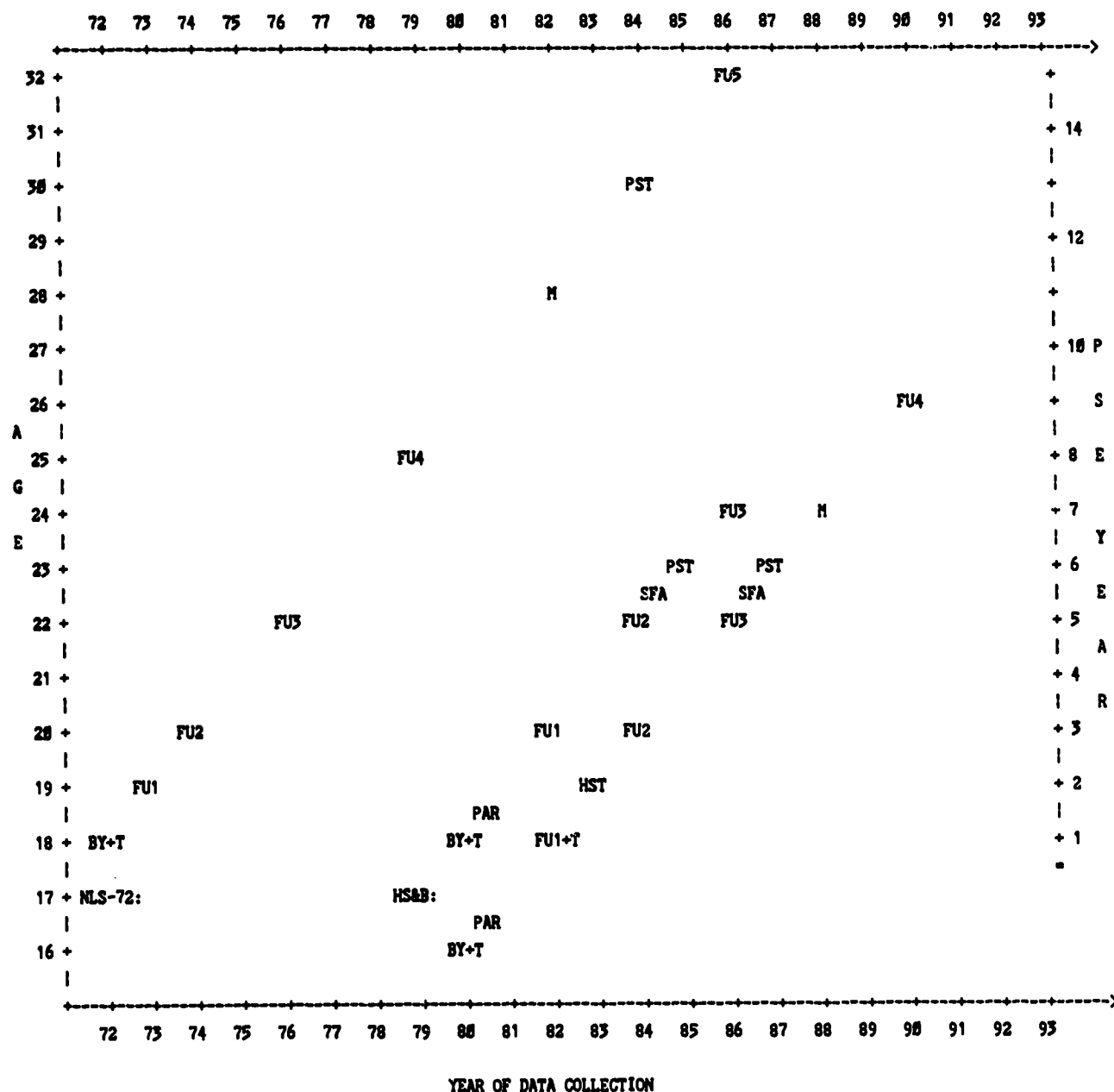
First, the three cohorts may be compared on a time-lag basis (intercohort or intergenerational). For example, the high school seniors of 1972 and the high school seniors of 1980 and 1982 may be contrasted to determine changes over time in the composition, distribution and needs of high school seniors.

Second, fixed-time comparisons can be undertaken. For a given year, the data collection for each cohort can be viewed as a cross-sectional study. It is possible, for example, to compare employment rates in 1980 of 16-, 18- and 26-year-olds.

The third type of analysis is longitudinal (within cohort) and is designated in Figure 1 by the diagonal lines. Because the history of the age cohort can be taken into account and modeled, analyses can be designed that isolate school and program effects from the effects of differential life experiences.



Figure 1. RESEARCH DESIGN FOR NATIONAL EDUCATION LONGITUDINAL STUDIES



NLS-72 = National Longitudinal Study of the High School Class of 1972  
 BY = Base Year Data Collection  
 T = Cognitive Test Administration  
 FU1 = First Follow-Up Data Collection  
 FU2 = Second Follow-Up Data Collection  
 FU3 = Third Follow-Up Data Collection  
 HS&B = High School and Beyond: 1988

FU4 = Fourth Follow-Up Data Collection  
 FU5 = Fifth Follow-Up Data Collection  
 M = Maintenance of Address Data  
 PST = Postsecondary Education Transcripts  
 PAR = Survey of Parents  
 HST = High School Transcripts  
 SFA = Student Financial Aid Records

## 1.1.2 High School and Beyond and NLS-72

High School and Beyond was designed to build on the NLS-72 in three ways. First, the base year survey of HS&B included a 1980 cohort of high school seniors that was directly comparable with the 1972 cohort. Replication of selected 1972 student questionnaire items and test items made it possible to analyze changes that occurred subsequent to 1972 and their relationship to recent Federal policies and programs in education. Second, the introduction of a sophomore cohort provided data on the many critical educational and vocational choices made between the sophomore and senior years in high school, permitting a fuller understanding of the secondary school experience and its impact on students. Finally, HS&B expanded the NLS-72 focus by collecting data on a range of life cycle factors, such as family-formation behavior, intellectual development, and social participation.

## 1.2 History of High School and Beyond

### 1.2.1 The Base Year Survey

The base year survey was conducted in spring 1980. The study design provided for a highly stratified national probability sample of over 1,100 secondary schools as the first-stage units of selection. In the second stage, 36 seniors and 36 sophomores were selected per school (in schools with fewer than 36 in either of these groups, all eligible students were included). Special efforts were made to identify those students within the sample who were twins or triplets so that their co-twins or co-triplets could be invited also to participate in the study. (Data from non-sampled twins and triplets are not included in the student data files, but are available in a separate Twin Data File which links questionnaire data for both sampled and non-sampled twins for special analyses.) Over 30,000 sophomores and 28,000 seniors enrolled in 1,015 public and private high schools across the country participated in the base year survey. (Detailed information about the samples can be found in the HS&B sample design report for the base year: Martin R. Frankel, Luane Kohnke, David Buonanno, and Roger Tourangeau, Sample Design Report, NORC, 1981.)

Certain types of schools were oversampled to make the sample more useful for policy analysis. These included:

- public schools with high percentages of Hispanic students to ensure sufficient numbers of Cuban, Puerto Rican and Mexican students for separate analysis
- Catholic schools with high percentages of minority group students
- alternative public schools
- private schools with high-achieving students

The Hispanic supplement to the sample was funded jointly by the Office of Bilingual Education and Minority Language Affairs (OBEMLA), and the Office for Civil Rights (OCR) within the Department of Education. An additional supplementary sample was drawn from students attending Department of Defense Dependents Schools (DoDDS) located overseas. DoDDS students are not included in the data tapes distributed by CS, however.

Survey instruments in the base year included:

- school questionnaire
- student identification pages
- sophomore questionnaire
- senior questionnaire
- a series of cognitive tests for each cohort
- teacher comment checklist
- parent questionnaire (mailed to a sample of parents from both cohorts)

The student questionnaires focused on individual and family background, high school experiences, work experiences, and plans for the future. The student identification pages included a series of items on the student's use, proficiency, and educational experiences with non-English languages, as well as information which would be useful in locating the students for future follow-up surveys. The cognitive tests measured both verbal and quantitative abilities. In addition, sophomore tests included achievement measures in science, writing, and civics, while seniors were asked to respond to tests measuring abstract and nonverbal abilities. Of the 194 test items administered to the HS&B senior cohort in the base year, 86 percent were identical to items which had been given to the NLS-72 base year respondents.

School questionnaires, which were filled out by an official in each participating school, provided information about enrollment, staff, educational programs, facilities and services, dropout rates, and special programs for handicapped and disadvantaged students. The Teacher Comment Checklist provided teacher observations on students participating in the survey. The Parent Questionnaire elicited information about how family attitudes and financial planning affected postsecondary educational goals.

### 1.2.2 The First Follow-Up Survey

The first follow-up sample consisted of approximately 30,000 1980 sophomores and 12,200 1980 seniors. It retained the multi-stage, stratified, and clustered design of the base year sample. All students who had been selected for inclusion in the base year survey,

whether or not they actually participated, had a chance of being included in the first follow-up sample. Unequal probabilities were compensated by weighting. A subsample of 11,500 students was selected from among the senior cohort base year participants. This subsampling was carried out to ensure adequate analytic power to address policy issues in areas such as excellence in education, access to postsecondary education, need for financial aid, and the impact of education on career choices. A special sample of 495 students was selected from among those 1980 seniors who had been selected for inclusion in the base year survey but who had not actually participated.

As in the base year survey, the Hispanic supplement to the first follow-up survey was supported by OBEMLA and OCR. In addition, the United States Army Recruiting Command (USARC) supported the retention in the first follow-up sample of 200 additional 1980 seniors who had moderate to high achievement scores but no plans for postsecondary education.

A first follow-up school questionnaire was requested of all schools selected in the base year (including those schools that had refused to participate), with the exception of schools that had no 1980 sophomores, that had closed, or that had merged with other schools in the sample. Schools that had received en masse transfers of students from base year schools were contacted to complete a first follow-up school questionnaire and to arrange student survey activities. These schools are not considered to be part of the probability sample of secondary schools and do not appear on the Updated School Data File. The first follow-up survey also included a sample of students from the Department of Defense Dependents Schools (DoDDS). DoDDS students were not part of the main probability sample and were not weighted.

For the senior cohort, a self-administered mail-back questionnaire was the basic method of data collection. Approximately 12,200 packets containing survey questionnaires, instruction sheets and incentive payment checks were sent to sample members during the first week of February 1982.

Approximately 75 percent of the targeted senior cohort members completed and returned first follow-up questionnaires by mail. An additional 19 percent completed the questionnaires by either in-person or telephone interviews. Respondents who completed the questionnaire via telephone interview were required to have a copy of the questionnaire in front of them while doing so, to keep their survey experience as similar as possible to that of the majority of respondents, who filled out the questionnaires themselves. Follow-up interviewing was halted in mid-July of 1982, after a response rate of 94 percent had been obtained.

### 1.2.3 The Second Follow-Up Survey

The sample design for the second follow-up survey was the same as that used for the first follow-up. Survey activities were initiated

for all individuals who had participated in the first follow-up except for eleven persons who were known to be deceased.

As in the first follow-up survey, mail-back questionnaires were again the basic method of data collection. During the first week of February 1984, approximately 12,000 packets of survey materials were mailed to the last known addresses of the sample members. Extensive telephone prompting was used to encourage sample members to respond by mail. When this failed, interviews were conducted by telephone or in person. Approximately 73 percent of the senior cohort sample members mailed back their completed questionnaires; about 13 percent were interviewed by telephone; and about 5 percent were interviewed in person. As in the earlier follow-up, the survey design required that respondents who were to be interviewed over the telephone or in person have a copy of the questionnaire before them during the interview, to minimize bias due to the method of administration. Follow-up interviewing continued through July 1984, and resulted in a completion rate of over 91 percent.

### 1.3 Scope of the Postsecondary Education Transcript Study

Although the HS&B follow-up surveys have collected longitudinal data on postsecondary educational activities of sample members, the kinds and quantity of information collected on course-taking patterns and on grades, credits, and credentials earned has been limited necessarily by the survey methodology and respondents' ability to recall the details of their educational experiences.

To overcome these weaknesses and to provide a rich resource for the future analysis of occupational and career outcomes, the Postsecondary Education Transcript Study was designed to obtain official records from academic and vocational schools. By abstracting and coding transcript information into machine readable form, these data could be merged with questionnaire data and other records data (e.g., information from student financial aid records) to support powerful quantitative analyses of the impacts of postsecondary schooling.

Data files created for the transcript study include detailed information concerning program enrollments, periods of study, fields of study pursued, specific courses taken, and credentials earned. In addition to providing a data resource for the analysis of educational activities and their impacts, the transcript data may be used as an objective standard against which student self-reports may be compared and evaluated, thus guiding the design of future studies.

In the first and second follow-up surveys, approximately 7,800 members of the HS&B senior cohort reported enrollment at one or more postsecondary institutions. An attempt was made to obtain a transcript from each school named by a respondent. Requests for over 11,000 transcripts were made to nearly 2,500 schools, including public two-year and four-year, private non-vocational, vocational, foreign, and otherwise unclassified institutions. The following chapter describes the data collection procedures employed.

## **2. DATA COLLECTION**

Planning for the Postsecondary Education Transcript Study began in the spring of 1984. Preparations for data collection included three major steps:

- 1) extraction of information concerning each unique instance of postsecondary school attendance by elder cohort members from HS&B first and second follow-up survey data files, and sorting this information by institution name and identification number. This data file was used to generate the printed lists of students sent to registrars and other school administrators to request transcripts;
- 2) construction of up-to-date address files for all postsecondary institutions reported by sample members, and development of letters, forms, and other materials to be sent to school administrators explaining the purposes of the study, the legal authority under which the study was being conducted, procedures for protecting the confidentiality of research subjects and conveying the fact that subjects had provided the study with signed permission forms authorizing the release of their records; and
- 3) obtaining the endorsement and support of a broad spectrum of professional organizations engaged in research about and representing the interests of postsecondary institutions. Appendix A contains a list of fifteen organizations endorsing the study and encouraging its members to cooperate in data collection activities.

### **2.1 Data Collection Objectives**

The principal objective of the study was to obtain from each institution reported by a sample member the formal transcripts or other equivalent records (e.g., documents authenticating enrollment and attendance in postsecondary programs, indicating academic or other types of performance, and showing any formal credits and credentials earned) of their educational activities. In addition, course catalogs and other related publications were requested from these schools to facilitate the accurate and consistent coding of information about programs or fields of study, course titles, earned credits, grades, degrees or other credentials, and academic terms or other measures of enrollment duration.

Transcripts were requested from every school attended (reported), even though many respondents transferred from one school to another, receiving full recognition by the second school of credits earned at the first. Transfer credits coded from the second school's transcripts have been systematically flagged in the data files so that analysts seeking to cumulate credits earned may easily avoid double counting.



A secondary objective of the transcript study was to validate reports by sample members of school enrollment in their responses to follow-up surveys. Thus transcripts were requested from each school reported in follow-up questionnaires, even if there was evidence that the respondent may not have completed the term of study or the requirements for credit. As indicated by the results described below, in a small but significant percentage of cases, institutions reported either that the respondent never actually attended classes at the named school or dropped out of classes before completing enough work to justify the creation of a formal record.

## **2.2 Mailout of Transcript Requests to Institutions**

During the last week in July 1984, packets of transcript survey materials were mailed to the postsecondary schools. The mailing was timed to arrive at registrars' or other administrative offices prior to the expected heavy work schedules associated with fall enrollments. At the time of the scheduled mailout, a substantial proportion of the second follow-up survey questionnaires from the elder cohort had not yet been processed by the optical scanning contractor. In November, after the fall enrollment crush had subsided, a supplemental mailing of transcript requests was made to schools for transcripts representing all previously unreported postsecondary enrollments.

Altogether, 11,288 transcripts were initially requested from 2,685 institutions for 7,776 HS&B sample members. At the same time, 24,431 transcripts were also requested from 3,983 schools for 14,759 members of the NLS-72 cohort who reported attending any school between 1972 and 1979. To reduce the burden on administrative personnel, HS&B and NLS-72 sample members who attended the same school were combined on a single request form. In all, nearly 36,000 transcripts were requested from approximately 4,600 postsecondary schools for over 22,600 individuals in both study cohorts. Each transcript request package contained:

1. a letter to the Registrar or Director of Admissions from the NORC Director of Education Longitudinal Studies
2. a letter of endorsement from the American Association of Collegiate Registrars and Admissions Officers (AACRAO)
3. a memo from the CS Project Officer authorizing NORC to conduct the study on behalf of the Secretary of Education
4. a brief description of the National Education Longitudinal Studies program
5. a list of postsecondary school organizations endorsing the transcript study
6. general instructions for participation in the study

7. an excerpt from the Family Educational Rights and Privacy Act (FERPA) indicating the legal authorization under which the request for records was made
8. a computer-generated list of students for whom transcripts were being requested
9. a label to affix to each transcript to link the correct transcript to HS&B files
10. a transmittal form with instructions
11. an invoice form for transcript reimbursement
12. pre-paid envelopes for transcript shipment.

Telephone follow-up of non-responding schools began in September when transcripts had been received from about two-thirds of the schools. Frequent changes of personnel, referrals to alternative administrators or sites, and typical problems with the pace of internal mail delivery systems in some schools resulted in the need for re-mailing of almost 1,700 transcript-request packets. Approximately 250 schools required a second re-mailing. Lists of schools to which transcript requests were made appear as Appendices B and C, which also serve as look-up tables for the institutional ID numbers (FICE or vendor codes) included in the data files.

### 2.3 Data Collection Results

To a major degree, the success of the transcript study hinged upon the cooperation of registrars and other administrators to whom transcript requests were sent. Although most schools were asked to supply fewer than five student transcripts, some of the larger state universities and community colleges were asked to locate return documents for well over one hundred students. Despite the fact that transcript requests were made with the express written consent of participating subjects, and the fact that study materials fully explained the legal basis for the requests for the information, school officials had the right to decline to cooperate. Furthermore, since many of the transcripts requested, especially for the NLS-72 cohort, were for reported spells of attendance that occurred from four to twelve years prior to our request, retrieving old records placed a considerable administrative burden upon some institutions. As shown below, however, most officials supported the objectives of the study, and were both prompt and complete in their response.

Apart from the willingness of school administrators to comply, a number of logistical obstacles threatened the success of the study. In the period from 1972 to 1984, a substantial number of schools, especially in the vocational and proprietary sector, had permanently closed, eliminating access to older records. Other schools had relocated, changed their names, or merged with other institutions, necessitating extensive tracing efforts in order to deliver requests to



appropriate offices and complicating the task of locating specific student records. In the following sections we describe the response rates at three levels--the institution, the individual transcript (instance of attendance), and the student (for whom more than one transcript may have been requested).

### 2.3.1 The School-Level Response Rate

Transcript requests for HS&B students were sent to a great variety of postsecondary school types including small and large private vocational and proprietary schools as well as traditional degree-granting institutions of higher education such as two- and four-year colleges and universities with the full range of graduate and professional programs. Identical materials and procedures were used in the collection of transcripts from all types of schools. However, as shown in Table 2.3.1, proportionally more non-vocational institutions (e.g., colleges and universities) participated in the study than did their vocational counterparts (e.g., trade and technical schools). The participation rates shown in the table are the simple percentages of schools in each sector that returned at least one transcript. No attempt was made in this table to adjust either for the number of transcripts requested or for the possibility that only one transcript was requested for a student who did not actually attend the school.

Table 2.3.1. Response Rates to the HS&B Postsecondary Education Transcript Study by Institution Type

- Percent -

- (Number of Schools in Sector) -

		Institution Type					Total Schools
	Private Vocational and Proprietary	Private Non- Vocational	Public 4-Year and University	Public 2-Year College	Foreign School	Unclas- sified School	
%	59.2%	85.2%	94.5%	91.1%	18.9%	74.3%	81.4%
(N)	(569)	(852)	(476)	(642)	(37)	(109)	(2,685)

In the private vocational and proprietary sector, only about three in five schools returned any transcripts. This sector comprised over 21 percent of the list of schools attended by members of the HS&B 1980 senior cohort. However, because relatively few students attended

these schools (only about 8 percent of all transcripts were requested from schools in this sector), the low school response rate had a comparatively small impact on overall transcript- and student-level response rates.

Schools in the private non-vocational and public two- and four-year sectors were much more likely to return one or more transcripts, with response rates of 85 percent, 91 percent and 95 percent respectively. These schools constituted three-fourths of the list of schools attended, and accounted for nearly 90 percent of the transcripts requested.

Foreign and otherwise unclassified schools made up over five percent of the institutions in the study, but less than one percent of the transcripts for HS&B seniors were requested from these schools.

The higher response rates for the public and private non-vocational schools may, in large part, be attributable to the typically longer period during which they have been in existence and the relative permanence of student files they maintain. Telephone follow-up calls to non-responding schools revealed that over one-third of the vocational school transcripts requested for HS&B students were unavailable. The most common reasons reported by school personnel were that the records had been lost or destroyed (about 14 percent of transcripts requested from schools in this sector), or that there was no record at the school of the named student's attendance (19 percent of the transcripts requested from these schools). An additional five percent of the vocational transcripts requested were unavailable because of school closures.

In most cases, schools that returned transcripts also returned other related documents (e.g., bulletins and course catalogs) to assist coding.

### 2.3.2 The Transcript-Level Response Rate

Table 2.3.2 shows data collection results at the level of the individual transcript for the total sample and separately for each of the five types of postsecondary institution. Transcript response rates are calculated as ratios of the number of transcripts received to the number of "in-scope" transcript requests. Of the 11,288 transcripts initially requested, 863 were classified as "out-of-scope" as a result of information returned by school personnel indicating that the individuals for whom transcripts were requested never attended their schools (or did not complete enough work to generate a formal record). Given this response by school administrators, these cases (transcripts) have been treated as outside the population of events being studied rather than as "missing observations." The implications of this definition of "out-of-scope" transcript requests for interpreting the transcript data are discussed below.

Of the 10,425 "in-scope" transcripts requested, a total of 9,385 (90 percent) were returned to NORC for processing. Response rates varied from 94 percent for transcripts sought from public four-year

colleges and universities to a low of 66 percent from the foreign and unclassified schools. Rates were uniformly high (90 to 94 percent) from the three large strata (public 2- and 4-year colleges and private non-vocational schools). Returns were substantially lower from the stratum of private vocational and proprietary schools and private non-vocational schools.

Reasons for non-return of transcripts varied among institution types. School refusal accounted for only 1 percent of missing transcripts overall, but for 3 percent among schools in the vocational/-proprietary sector. Confirmed school closings affected only 18 transcripts. Overall, just under 4 percent of transcripts were not available because records had been lost or destroyed, but among vocational schools 11 percent were in this category. The remaining category (No Response) includes transcripts from schools for which no current mailing addresses could be found (and which may have been closed), schools that could not be successfully contacted by telephone, and schools that expressed the intention to return transcripts, but did not do so in time for processing. Also included in this category are unreturned transcripts from schools that did return a portion of the transcripts requested. Reasons for partial returns varied from clerical oversight in schools that were asked to provide large numbers of transcripts to cases in which schools would not release a record because the student had not paid all his outstanding fees, and so on.

Table 2.3.2 also shows that in 863 instances (just under 8 percent of the total of 11,288 requests), school officials reported explicitly either that the specified student had never attended the school or that the student had not stayed long enough to earn any grades or credits, and therefore had no formal records. The percentage of this type of outcome varies little across the three major strata of non-vocational schools, but increases to about 11 percent of the foreign and unclassified schools and accounts for about one outcome in six (16 percent) within the vocational/proprietary sector. For purposes of the transcript study, these cases were considered out-of-scope: they are "non-events," or at the very least they are outside of the population of events under study.

Since the initial list of instances of school attendance was created using survey responses to the HS&B first and second follow-up surveys, these results create inconsistencies between the questionnaire data files and the postsecondary transcript study data file. The discrepancy between student-reported postsecondary attendance and the evidence in school records is substantial, and so the decision to consider these instances as out-of-scope was not taken lightly. It is important to note that this status code was only assigned to cases in the survey monitoring system when school officials confirmed in writing their conclusion that the named student did not attend their school. Administrators had considerable information about each student named on a transcript request form, including full names, alternate names such as maiden names, social security numbers, dates of birth and approximate dates of enrollment. In addition, there was considerable evidence in the materials returned to NORC that school personnel had conducted thorough searches for records, and often had

**Table 2.3.2. Transcript-Level Data Collection Results  
by Institution Type**

- Percent -  
- (Number of Transcripts) -

	Institution Type					Total Schools
	Private Vocational and Proprietary	Private Non- Vocational	Public 4-Year and University	Public 2-Year College	Foreign & Unclas- sified Schools	
<b>Received</b>	<b>71.1%</b>	<b>89.8%</b>	<b>93.7%</b>	<b>92.1%</b>	<b>66.4%</b>	<b>90.0%</b>
	(552)	(1,783)	(3,587)	(3,231)	(182)	(9,385)
<b>School Refused</b>	<b>3.0%</b>	<b>1.5%</b>	<b>0.6%</b>	<b>0.8%</b>	<b>1.8%</b>	<b>1.0%</b>
	(23)	(29)	(23)	(28)	(5)	(108)
<b>Lost or Destroyed</b>	<b>11.0%</b>	<b>3.7%</b>	<b>2.2%</b>	<b>2.8%</b>	<b>8.3%</b>	<b>3.5%</b>
	(85)	(74)	(86)	(101)	(23)	(369)
<b>School Closed</b>	<b>1.4%</b>	<b>0.2%</b>	<b>0.1%</b>	<b>-</b>	<b>0.4%</b>	<b>0.2%</b>
	(11)	(4)	(2)	(0)	(1)	(18)
<b>No Response</b>	<b>13.5%</b>	<b>4.8%</b>	<b>3.4%</b>	<b>4.3%</b>	<b>23.0%</b>	<b>5.2%</b>
	(105)	(95)	(129)	(153)	(63)	(545)
<b>Percent of In-scope</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
	(776)	(1,985)	(3,827)	(3,563)	(274)	(10,425)
<b>Never Attended*</b>	<b>15.7%</b>	<b>8.5%</b>	<b>6.0%</b>	<b>6.7%</b>	<b>10.7%</b>	<b>7.7%</b>
	(145)	(185)	(243)	(257)	(33)	(863)

**\*NOTE:** Percentages shown for "Never Attended" are based upon the total number of transcript requests within each institution type, including both in-scope and out-of-scope transcripts.

cross-checked their results with admissions offices and financial aid offices. We therefore believe that there is little or no classification error in this status code.

One interpretation of this outcome is that HS&B respondents over-reported instances of postsecondary school attendance by nearly eight percent of the events (unweighted). If so, researchers analyzing postsecondary schooling using only the survey data tapes would over-estimate significantly the extent of this activity. Furthermore, the true discrepancy may be even bigger than that estimated by these results. In approximately half of the 545 cases in the "No Response" category of Table 2.3.2, neither transcripts nor any other information about the students' status was returned. In the absence of specific information to the contrary, these cases have been treated as probable instances of attendance, and therefore within the scope of the population of interest. It is reasonable to expect that if information had been obtained for these cases, some portion would have been declared as errors in reported attendance.

The fact that the rate of "Never Attended" classifications is twice as high among vocational/proprietary schools as in other sectors is consistent with descriptions of the incidence of last minute withdrawals and dropout rates at these schools, adding face validity to this view.

However, we do not believe that the evidence is strong enough to rule out alternative interpretations. One reasonable possibility is that many of these instances of reported attendance result from errors in the coding of careless, incomplete or marginally legible school names written by respondents into survey questionnaires. Conceivably, then, respondents may have in fact attended some form of postsecondary school, but the data in the questionnaire files may be wholly or partially inaccurate for these individuals. If this were true for each discrepant case, then the questionnaire files would accurately reflect the extent of postsecondary educational activity, but would include measurement errors of the specific school attended.

A third alternative seems to us equally persuasive. Although there were 863 classifications of non-attendance, only 342 individual sample members were classified as out-of-scope as a result (40 percent of the transcripts so classified, but only 4 percent of the 7,776 sample members for whom one or more transcripts were sought). For these individuals, only one transcript was requested, and school officials returned a report of no or insufficient attendance. Thus, the other 521 instances represented at least the second transcript requested for the same sample member.

Although a detailed analysis has not been possible, it is conceivable that many of these individuals may have attempted to report the same institution in both HS&B follow-up surveys, but in one instance returned a low quality response resulting in a coding error for one of the two reports. If a transcript was returned for the correctly coded school, a thorough analysis of its contents could shed considerable light on the nature of the apparently erroneous report. The contract for data collection and processing did not include support

for this type of analysis. However, the public use data files contain data records for all 7,776 sample members for whom transcripts were requested (including the 342 classified as out-of-scope), and includes separate records for each transcript requested (including the school identifiers for the 863 transcripts classified as out-of-scope), thus providing researchers with all the material needed to fully assess the issues of measurement error. Chapter 4 of this manual describes the contents of the variable FINDISP stored on each of the transcript-level identified and further analyzed.

Users should note, however, that the adjusted weights attached to the transcript file apply only to the 7,434 "in-scope" sample members. The additional 342 cases have been treated as "out-of-scope," rather than as non-respondents.

### 2.3.3 Student-Level Data Collection Results

Transcripts were sought for 7,776 HS&B 1980 senior sample members who reported attending any type of postsecondary school since leaving high school. Reports of postsecondary attendance were obtained from HS&B first and second follow-up survey questionnaire responses. To be eligible for the transcript study, respondents must have provided specific information (i.e., the name and, desirably, the city and state) about at least one of the postsecondary schools attended. As described above, reports from school personnel indicated that 342 individuals who reported attending only one postsecondary school had not actually attended those schools (or had not completed enough work to have established a formal record). Table 2.3.3 presents distributions of the number of transcripts received for each student. Excluding the 342 out-of-scope cases, one or more transcripts were obtained for 93.4 percent of the 7,434 enrollees. A single transcript was received for 4,887 cases (66 percent of this group). Two transcripts were processed for 1,716 individuals (23 percent) and three or more transcripts were obtained for 344 sample members (over 4 percent).

In addition to collecting multiple transcripts per case, many transcripts contained information about credits transferred from other schools. Transfer credits were specially flagged in the data files to assist researchers in avoiding double counting of earned academic credits by those who attended more than one school. Nearly 1,500 individuals have transfer credits documented in their transcript records. Chapter 4 of this manual describes the variables TRNSFERS on the student-level record and TRNSFERT on the transcript-level record in the data files, and explains their use in identifying individuals and transcripts containing transfer credits.

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**Table 2.3.3 Number of Transcripts Received:  
HS&B Postsecondary Education Transcript Study**

<b>Number of Transcripts</b>	<b>N (cases)</b>	<b>Percent of cases</b>
None	487	6.6%
One	4,887	65.7%
Two	1,716	23.1%
Three	310	4.2%
Four or more	34	0.5%
<hr/>		
Total	7,434	100.1%
<hr/>		
Not in scope	342	4.4% of initial sample

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### 3. DATA PREPARATION

#### 3.1 Data Preparation Objectives

The structure and contents of postsecondary transcripts reflected the great variability in the schools from which they were obtained. Although transcripts from public and private 2-year and 4-year colleges were generally similar with respect to the data they contained, they nevertheless differed in their physical layout and in the terminology used for identical or related concepts. Early in the design stage it became apparent that the superficial similarities in many transcripts give way to countless differences in the way academic progress, especially course grades and credits, are measured and recorded.

The variability across institutions in the details of transcript information defies any simple reconstruction or homogenization. Virtually any element on an academic transcript, including such seemingly straightforward items as course titles, may be subject to highly particularized local conventions whose logic may be independent of, or even contravene, common practices. For example, it is not uncommon to find courses in English composition merged with other content and carrying formal names suggesting that they belong in the social sciences curriculum. Only consulting course catalogs and descriptions of departmental offerings permitted faithful coding of these types of courses. Even more problematic was the issue of standardizing metrics for such typical transcript elements as grades or credits. For example, the notion that one school's grading or credit system can be equated to another's by a simple linear transformation of scores may have been defensible for secondary school grades. Attempting the same sort of "equating" with postsecondary school grades and credits carries the risk of introducing systematic errors into complex analyses.

In preparing the data for conversion to standardized, machine readable data files, NORC's approach was to impose a common structure or organization on the transcript information, but to preserve to the extent feasible the actual information contained in the original documents. Thus grades and credit values are stored as they were reported, and have not been transformed to any common metric. Such fields as degrees and credentials earned, major and minor fields of study, and titles of courses taken have been assigned numeric codes as explained below, but also have been recorded in alphanumeric fields exactly as they were reported on the transcripts.

The data preparation procedures were designed to provide researchers with the maximum amount of information available from transcripts in a carefully organized system of files, and to avoid either offering or imposing any particular view of the relative equivalence across institutions of measures of exposure to educational materials or measures of performance of the students. This approach places some additional burden upon transcript data users to gain familiarity with the variability across institutions and sectors in the data values stored in such fields as grade point averages, course grades and credits. Our exposure to these data during their collection and



processing leads us to conclude that the effective use of these complex files in educational research should include detailed assessments by each analyst of the properties of all transcript elements of interest.

As described in detail below, data preparation was carried out by a staff of 20 specially trained coders under the guidance of four supervisors. The data preparation task included the activities of analyzing the transcript document to determine its general organization and special characteristics, abstracting standard information from the highly varied documents onto a common format, and assigning standard numerical codes to such transcript data elements as major and minor fields of study, degrees earned, types of academic term, titles of courses taken, grades and credits.

### 3.2 Data Organization

Transcript data were organized into a four-level hierarchy consisting of data at the student, transcript, term, and course levels. Exhibit 3.1 shows the general organization of the transcript database. At least one student-level and one transcript-level record is provided for each sample member for whom a transcript request was made, even if school personnel reported that the individual had never attended, or had not completed enough work to establish a formal record. A special disposition code on a dummy transcript record flags the records in this category. (See Chapter 2 above for a full discussion of the issue of out-of-scope cases.)

Student-level data refers to information about the respondent's educational career in general. These records contain case ID numbers to permit merging transcript data with other files, relevant questionnaire data from the HS&B base year and follow-up surveys (e.g., self-reported high school program, high school grades, and so forth), composite and derived variables from survey data (base year SES quartiles, achievement test quartiles, etc.), data on the respondent's high school, and sampling weights. Student-level records also include data summarizing information found on transcripts for all postsecondary schools attended (e.g., an educational activity state measure for several time points between 1980 and 1984, and the total number of credits received in a subject area).

The transcript level of the hierarchy contains data pertaining to a student's academic record at a single institution. Elements stored at this level include the institution's ID number (FICE code or vendor number), degree(s) or other credentials awarded with accompanying dates, major and minor field(s) of study, and the student's overall grade point average (GPA).

Term-level records store information associated with specific units of instruction. In most cases, term records refer to commonly understood academic terms, such as semesters, quarters, or trimesters. Thus term-level information includes the type of term, its season, and, starting and end dates, the type and characteristics of the grading system employed during the term (e.g., A-F letter grading or

numerical scoring), and a field indicating the number of courses taken (and hence the number of course-level records attached) during the term. The term-level record was also used to store transcript information on credit-bearing educational activities other than course taking. These elements included scores for major standardized tests (e.g., CLEP, GRE, LSAT), as well as work and other life experiences for which academic credit was granted.

Course-level records store the data for each course taken by a student during a specific term. The title of the course was entered verbatim from the transcript. Courses were then assigned one of 1,175 6-digit academic or vocational program codes contained in the CS publication, A Classification of Instructional Programs (Malitz, G.S., et al, Washington, D.C.: National Center for Education Statistics, U.S. Department of Education, 1981, hereinafter referred to as "CIP"). The CIP taxonomy divides all instructional programs into 50 major program areas, which are further divided into 371 program subgroupings and 1,175 individual programs. A list of CIP classifications is included as Appendix D. The number of credits attempted and the grade received by the student for each course were also entered.

## EXHIBIT 3.1

### POSTSECONDARY EDUCATION TRANSCRIPTS STUDY: DATA ORGANIZATION

#### I. Student-Level Record

- Student ID
- + Numbers of transcripts requested and received
- + Flag for presence of transfer courses on any transcript
- + Counts of regular credits for 50 major subject areas
- + Counts of transfer credits for 50 major subject areas
- Survey data and composite variables from student data files
  - Socio-demographic variables
  - Characteristics of secondary school attended
  - Composite HS&B achievement test scores
- Sampling weights
- + Activity state indicators constructed from transcript data
- + Cumulative credit counters constructed from transcript data

#### II. Transcript-Level Record

- \* Student ID
- + Sequence Number (to permit sorting of multiple transcripts)
- \* Degree(s) Awarded (Y/N)
  - \* Types of Degrees
  - \* Names of Degrees
  - \* Honors Received in Conjunction with Degrees (Y/N)
  - \* Dates of Degrees Received
    - \* Month and Year
- \* Overall Grade Point Average for Program
- \* Field(s) of Study
  - \* Major(s)
    - \* Name(s)
    - \* CIP Code(s)
  - \* Minor(s)
    - \* Name(s)
    - \* CIP Code(s)

#### III. Term-Level (see Exhibits 2.3 and 2.4)

- \* Type of "Term"
  - \* Types Other Than Academic Terms
    - \* Test(s), Other Than Tests
  - \* Types of Academic Terms
    - \* Semester, Trimester, Quarter, Variable Length
- \* Institutional Context of Term (i.e., non-transfer or transfer)
- \* Date of Term (Month OR Season and Year)
- \* Grading System in Effect During Term (Letter or Numeric)

#### IV. Course-Level (see Exhibits 2.5 and 2.6)

- \* Name of Course
- \* CIP Code for Course Subject Area
- \* Grade Received
- \* Credits Attempted

- \* denotes an item entered from transcripts via the CADE program
- + denotes an item derived from transcript data, but not entered directly
- denotes an item merged from other data sources

### **3.3 The Computer Assisted Data Entry (CADE) System**

#### **3.3.1 The CADE Concept**

Conventionally, in large-scale social studies, the two major data preparation tasks, editing/coding and data conversion, are typically performed in sequence, and by different individuals. Editor-coders are trained to follow clearly defined procedures to abstract, classify and systematize data, and to identify any problems in collected data for resolution by supervisors or researchers. Edited and coded documents are then passed to the data conversion operators (typically key-entry operators, or increasingly, operators of optical scanning devices) for efficient and accurate conversion of data to machine readable form. In the usual case, most often the processing of responses from survey questionnaires, the training and skills appropriate for a coder would differ considerably from those for a key-entry operator, and vice-versa.

The postsecondary transcripts study presented the special problem of abstracting, coding, and organizing data from a large number of forms (over 28,000 for both CS cohorts) of greatly varying appearance and content. Compared to the typical survey questionnaire, the amount of data to be keyed per transcript was very small (even though the number of transcripts to be processed was large). Perhaps most important, the greatest share of the coding task involved the use of a moderately complex taxonomy to assign CIP codes to course titles, degrees and fields of study. (Approximately three-fourths of the editor/coder's task was judged to be this type of coding.)

Previous experience on complex data abstraction studies involving small amounts of keyed data suggested that combining the tasks of coding and data conversion in a computerized coding program would offer efficiency gains. After investigating several alternatives, NORC adapted its proprietary Computer Assisted Data Entry (CADE) system for processing postsecondary transcripts.

Under the adaptation for the Postsecondary Education Transcript Study, a single member of the data preparation staff reviewed a given transcript, identified in-scope data, made classification decisions (e.g., assigning standard subject codes to courses), and entered all pertinent information into a computer file. Combining these steps ensured that transcripts would be handled as internally consistent, integrated records of an individual's educational activity. Moreover, since all transcript processing occurred at a single station, the use of CADE reduced the number of steps at which records might be lost or misrouted, or other errors introduced into the database.

#### **3.3.2 Computer Hardware and Software Used**

The postsecondary transcript implementation of the CADE program was written at NORC in the Pascal programming language for the Apple Macintosh microcomputer. Each of twenty transcript coders was

assigned a personal computer for the coding task. The program prompted the operator, in sequence, for all of the data elements marked with the "\*" symbol in Exhibit 3.1. The program would continue to repeat the cycles of term records within transcripts and course records within terms until the operator indicated that all data had been entered. Certain features of the program were "menu-driven," to permit access to any level of the data hierarchy for revisions, error correction and so on.

The following exhibits illustrate a few of the entry screens presented by the CADE system for handling transcript-level, term-level, and course-level data. Each box depicts a MacIntosh computer screen exactly as it appeared to coders.

The CADE program enforced predetermined range and value limitations on each field. Thus CADE operators could not enter an illegitimate ID number for a postsecondary institution or a sampled student. Other program features prevented the entry of an illegal student-school combination. Only legal CIP codes could be entered for fields of study or course title codes. Grades and credit values could be entered only from specified ranges (see, for example, Exhibit 3.4).

The most challenging part of the coding task was the classification of fields of study and course titles using the CIP taxonomy. As described below, coders were extensively trained to use the CIP manual, course catalogs and other school materials to accurately assign 6-digit program codes. To supplement conventional uses of the CIP manual, the CADE program included a computerized version of it. When activated, coders were able to use the exceptional speed of the MacIntosh's Motorola 68000 microprocessor to search for and display CIP codes and their definitions. Alphabetical (string searches) and topical (numeric searches) for appropriate CIP codes were thus possible (at various levels of generality/specificity).

This feature of CADE increased the speed and efficiency of course coding by providing each coder with the capability of a nearly instantaneous yet comprehensive review of all plausible CIP code choices. However, because this feature was potentially subject to abuse by coders who might be tempted to guess program codes rather than consult course catalogs and the full CIP manual, coders were not given access to the automated CIP search feature until their unassisted performance surpassed established quality control standards monitored daily by their supervisors. Coders who fell below the standard were deprived of the search facility until their error and discrepancy rates returned to the acceptable range.

Transcript I.D. / Coder I.D. 001			
FICE	Sequence	Student I.D.	Check Digit
000000-0	000	000000-0	0
Mailing: Unspecified			
<u>FICE</u> code <u>Sequence</u> Number <u>Student</u> I.D. <u>Check</u> Digit <u>Mailing</u> Code			
Use these specifications or Quit.			

EXHIBIT 3.2 The initial CADE screen displaying transcript-level identification fields

Transcript I.D. / Coder I.D. 001			
FICE	Sequence	Student I.D.	Check Digit
007184-8	009	702944-0	8
Mailing: July			
<u>FICE</u> code <u>Sequence</u> Number <u>Student</u> I.D. <u>Check</u> Digit <u>Mailing</u> Code			
Use these specifications or Quit.			

EXHIBIT 3.3 Fields have been selected by typing the corresponding (outlined and underlined) letter and values have been entered for each field.

Term Settings
<p><b>Fall Semester 1972.</b></p> <p><b>Regular Grades: A+ A A- B+ B B- C+ C C- D+ D D- F</b>  <b>Other Grades: P F W WP WF I IP IF CR AU NO</b></p> <p>Change the <b>Term</b>, <b>Grade scale</b>, <b>Season</b>, the <b>Year</b>,  or <b>Use</b> these settings.</p>

EXHIBIT 3.4 Term-level variables are displayed for coder selection. "Fall Semester 1972" is the default setting against which changes are entered as appropriate

Term Settings
<p><b>Fall Quarter 1988.</b></p> <p><b>Regular Grades: A+ A A- B+ B B- C+ C C- D+ D D- F</b>  <b>Other Grades: P F W WP WF I IP IF CR AU NO</b></p> <p>Change the <b>Term</b>, <b>Grade scale</b>, <b>Season</b>, the <b>Year</b>,  or <b>Use</b> these settings.</p>

EXHIBIT 3.5 Term Type and Year have been changed from the default values





### 3.4 Coder Training

Nine days of intensive training were provided for the coding staff immediately prior to beginning work. The training involved formal classroom instruction (five days) as well as independent coding practice and drills (four days). The training was longer and more extensive than is usually provided. This was attributable to the novelty of the coding/data entry technique employed, the large scale and complexity of the task and the relatively large coding staff, and the vast range of program and course subject matter areas with which coders required familiarity. The benefit of the training investment was immediately apparent in the high quality of the coding work (both initially and throughout the period of activity) and the exceptionally low turnover rates for the coding staff.

In the classroom, four major topics were addressed: 1) the hierarchical data organization, 2) the variations of form and content among postsecondary transcripts, 3) operation of the CADE program on the MacIntosh computer, and 4) the CIP system for course and program coding.

After a review of the overall data record hierarchy, coder trainees studied transcript samples from a wide variety of postsecondary schools. Exercises were conducted during which trainees identified in-scope data on the transcripts and their place within the data hierarchy. Skill in using the MacIntosh-CADE computer system was developed through a self-guided "hands-on" tutorial in addition to classroom instruction. Finally, a major component of the classroom work was devoted to an in-depth orientation to the basic logic of the CIP system for coding programs of study and courses.

During the four-day period of independent transcript coding practice, ten increasingly difficult familiarization exercises were given to assure each coder's achievement of a sound grasp of the CIP classification scheme, its broad topical outlines, and its technical conventions.

### 3.5 Quality Control

In addition to the continual availability of coding supervisors for technical consultation and guidance, four procedures were used to assure the accuracy of transcript coding. These included the error-prevention features within the CADE program; the development, circulation and continual updating of a set of policy decisions for resolving technical coding issues; visual comparison by supervisors of printouts of CADE records with the original transcript records; and examination of computer analyses of CIP code utilization.

In addition to monitoring procedures, coders' work was organized to promote efficiency and consistency of judgments. Teams of coders were designated to process the majority of the vocational and proprietary school transcripts, whose programs were generally quite different from those at conventional colleges. This pattern encouraged the development of greater expertise and efficiency in handling vocational

records. Also, except in the largest schools, all transcripts from a school were handled by the same coder, promoting better understanding of the school's scheduling, grading and course-naming conventions.

The CADE program itself performed three types of error-screening. Through a check-digit system, the program disallowed entry of incorrect identification data (i.e., school FICE codes, student ID numbers, and combinations of schools and students). Furthermore, each data field was programmed to disallow entry of illogical or otherwise incorrect data. For example, a coder was automatically prevented from entering a letter grade for a course if a numerical grading system had been specified on the term-level record under which the courses were listed. Finally, for each CIP code selected to classify either a field of study or a course, the CADE program automatically displayed, for confirmation, the CIP program name (label) for the code chosen next to the name (from the original transcript) that the coder had entered. Thus, a mistakenly typed but legal CIP code could easily be spotted before the course record was written to disk.

As unanticipated situations arose during the coding period, a policy decision-making protocol was followed. Accordingly, questions were deferred to the appropriate supervisory level at which technical coding policies were set. These decisions were immediately distributed to the coders in the form of supplements to a loose-leaf coding policy manual.

Data entered to the MacIntosh computers via CADE was stored on 3.5 inch diskettes. Although the diskettes proved to be highly reliable, no more than three day's work was stored on a single diskette in order to reduce the risk of unreadable diskettes. A sample of CADE transcripts was selected and printed from every data disk completed. For supervisory review of course coding, the text of the CIP classification chosen was printed adjacent to the course/program name as it was recorded verbatim from the original transcript. Each printout was carefully examined by a coding supervisor who calculated error and discrepancy rates and reviewed their findings with the appropriate coders.

Following the up-loading of data from the MacIntosh-CADE data disks to the mainframe computer system, CIP-utilization lists were generated which displayed, for each coder, all verbatim transcript course-names according to the CIP-code chosen for their subject area classification. This procedure facilitated both the prompt discovery of miscoded courses and feedback to the coders involved.

## 4. DATA PROCESSING

Data processing activities began with the construction of the subsample of postsecondary attenders from the main survey files, and the creation of lists of institutions from which transcripts were to be requested. They continued with the development of programs and materials to request transcripts and to monitor data collection activities, and with the adaptation of NORC's Computer Assisted Data Entry (CADE) system for the abstraction and coding of transcript information. These activities have been described in Chapters 2 and 3 of this manual. Once transcript data was converted to machine readable form and uploaded from microcomputers to mainframe facilities, further processing included computer editing of the data, the restructuring of transcript subrecords into a set of four rectangular data files for efficient storage, and the creation of sets of program control files to permit the construction of analysis files using either SAS or SPSS, the two most commonly used statistical packages for analyzing NELS datasets. Finally, two sets of adjusted sampling weights for making population estimates with transcript and other survey data were created. This chapter describes the activities from machine editing through data file construction. Sampling and weighting are the subject of Chapter 5.

### 4.1 Machine Editing

As described in Chapter 3 above, the CADE program was designed with extensive controls on data entry, resulting in very low error rates for all elements in the raw data. The computer editing strategy was guided by the same principles as the CADE design process. That is, a highly flexible approach was necessary to accommodate the tremendous variation in format and quality of transcripts.

First, a thorough analysis was made of the distribution of values for each separate item in the raw data files. The purpose of this check was to identify data values that, based on knowledge of and experience with transcript data, appeared to be errors. Because of the extensive "front-end" cleaning performed by the CADE program, the bulk of the raw data items appeared to have very few errors, with the average error rate less than one half of one percent. In most instances, stray codes and illegal values were the results of rare, random errors introduced during the data transfer (uploading) process, or the results of specific keying errors that could not be prevented in a cost effective manner by the CADE program.

The most commonly detected errors were those resulting from the inappropriate entry by coders of missing values for data elements. In the database design stage, it was determined that a single missing value code would suffice to indicate that the transcript did not contain a given data element (for example, grades or credits were not always reported for courses transferred from another institution). For all data elements, missing data was to be specified by filling the field with "9"s, (i.e., 99, 999, etc., depending on the number of character positions reserved for the element). During the early stages of coding and data entry, some coders were inconsistent in the

use of this convention, resulting in a small number of easily corrected errors. Virtually all of these errors consisted of the entry of too few digits for the field being coded. For example, if a course title on a transcript was missing or unintelligible, coders were to enter the missing value for the six-digit CIP code, "999999." Some coders used 999 while others may have used 9999. In other cases, coders entered nothing (resulting in blanks or zeroes in the data) when they should have indicated with strings of "9"s that the particular data were missing. Correction of these errors and the enforcement of a consistent missing value code was a straightforward procedure since for virtually all transcript data elements, the illegally short string of "9"s did not constitute a legal value.

Besides the problem with missing values indicators, three data items required additional editing: course grades, course credits, and grade point averages (GPA). Each of these fields contained erroneous values, although in no case did illegal (out-of-range) values represent more than a small fraction of one percent of all observations for any variable. Some of these errors were obvious miskeys of a type not detectable at the time of data entry. These were easily corrected. Other errors could not have been corrected without retrieval of the original transcript. In general, the single item error rates were so low, and the costs of cleaning by retrieving the record from the files of over 32,000 transcripts (for both HS&B and NLS-72) so high, that these few errors were generally eliminated by assigning missing values to the data elements.

#### 4.2 Organization and Content of the Data File

The CADE program processed data at three levels described in Section 3 above: transcript, term, and course. The design of the final data files called for an additional data level, the student-level, under which all transcript data for each sample member would be ordered. The student record was formed by aggregating all records for an individual student, merging data from the sampling and receipt control files, computing a series of composite variables based on data from all of a student's transcripts, and finally merging in a set of composite variables from the main HS&B second follow-up survey data tapes.

In designing the final transcripts database, data storage efficiency was a major consideration. A standard rectangular file organization was ruled out because the amount of space required to handle the maximum record length for every case was impractical. Further, because the amount of data stored for each case was extremely variable (most cases had an average of one transcript, about 8 terms, and about 31 courses, but some cases had three times this amount of data); a flat file structure would have been populated with empty data fields for most cases.

To optimize storage space for the vast amount of information in the transcript study database, each of the four record types (student, transcript, term and course records) was written to a separate file. Analysts may use the four files individually or jointly, depending

upon the specific research objectives. For many analyses, researchers may find it sufficient to use only the composite variables from the questionnaire and transcript files stored on the student-level records. For other purposes, merging the student- and transcript-level records will provide the amount of detail desired. However, for most studies, it will be necessary to merge all four files into a single hierarchical file in which courses are nested within terms, terms within transcripts, and transcripts within students. Once this merged file is created, analysts may construct any number of composite indicators of educational activity, and then reduce the data matrix to keep only the variables essential to the analysis in a rectangular file with one record per student. Managing the data in this way will reduce storage costs for on-line datasets and will minimize the computing (CPU) time necessary to obtain results. Guidelines for merging the four files are presented in Section 4.3 below. Record layouts showing the position and format for each data element in each record type are included in Appendix E.

The student and transcript record data files contain information for all 7,776 survey respondents who reported postsecondary educational experiences in any wave of the survey. Each member of the initial sample (including the "ineligible" cases described in Sections 2 and 5) has a student-level record in the file. A transcript record was created for each requested transcript, even if the transcript was not returned, or if school officials reported that a student had never actually enrolled. Cases for whom transcripts were requested but not received have "dummy" transcript records in the file.

On each transcript record is a disposition (status) code showing either that the transcript was received and processed, and that term and course records exist in the appropriate files, or showing the reason (if known) that the transcript was not received (e.g., school had closed, records lost or unavailable). For cases (transcripts) defined as out-of-scope (see Chapters 2 and 5), this disposition field contains the code indicating that the school reported that the student never attended the named school and that no transcript exists. Users should note that any given sample member may have a combination of transcript records classified as "received and processed," "not received, but in-scope," and "out-of-scope" associated with his or her student-level record. For conventional analyses of these data using the adjusted weights attached to these files, it is strongly recommended that analysts first purge from the files all 829 cases (including ineligibles and eligible non-respondents) with no transcripts in the file. This is easily accomplished by dropping cases who have a value of "0" for the variable NUMTRANS (tape position 9-9) on the student-level record.

Associated with each "in-scope" transcript are one or more Term Records containing data for each of the terms reported (No term or course records were created for cases for whom no transcripts were received). Separate course records were created for each unique course taken within a term, including failed and audited courses. A full description of each of these records, including specific data items follows.



#### 4.2.1 The Student Record

As noted above, a student-level record was included in the database for every sample member for whom a transcript was requested, including those who later proved to be ineligible (never attended), or for whom no transcripts were received. Student-level records contain identifying and survey control data, aggregations of credits earned across all transcripts, activity state pointers, composite variables from the main HS&B files, and weights.

A total of 342 student-level records exist for out-of-scope cases. These records should be omitted from conventional analyses. Although raw weights have been included for these cases to permit the calculation of additional customized weights, the adjusted weights for ineligible cases is always set to the value "zero" (see Chapter 5).

Specific data items in the student-level record are described below. For each data element we show its SAS or SPSS system file variable name (a mnemonic of up to eight characters), its physical tape position on the data record (in parentheses), a short description of the field contents and the nature of the values stored in the field. Frequency distributions for all categorical variables on the Student Record are displayed in the Codebook that follows Chapter 5.

Field	Tape Position	Description
1. RECTYPE1	(1-1)	A record type indicator. A value of "1" indicates a Student Record.
2. STUID	(2-7)	The standard 6-digit student identification code that can be used to link each student with other records such as Transcript or Term records. It also can be used to link to the main survey data file or other school or student files.
3. REQTRANS	(8-8)	The total number of transcripts requested for the student. Values range from 1 through 7.
4. NUMTRANS	(9-9)	The actual number of transcripts received. Cases for which no transcripts were received are coded "0". However, a dummy transcript record was created for these cases. Values range from 0 through 4.
5. TRNSFERS	(10-10)	A flag that is set to "1" to indicate that transfer courses were processed for this student. The code "0" indicates that no transfer credits appeared on any transcripts received for the student. A value of "9" was entered for students for whom no transcripts were received (including ineligibles). A total of 1,481 HS&B cases had transfer credits.
6. RCRED01 through RCRED50 and RCRED99	(11-163)	Counts of "regular" (i.e., non-transferred) credits earned at non-vocational schools. These counts are computed across all transcripts from collegiate (including 2-year and 4-year colleges and universities) processed for a student. The mnemonics for the counter variables are based on the highest level of aggregation (i.e., the first two digits of) the course CIP code. Thus, RCRED20 is the count of regular credits for courses with CIP codes in the range of 200000 through 209999. (RCRED99 counts regular credits earned in courses which could not be assigned an existing CIP code and were assigned the course code of "999999".) The value "0" is stored in

these fields if the student took no courses in the designated CIP category. Cases with no transcripts in the file (including ineligibles) were assigned the missing value "999." Transfer courses are excluded from these credit counts.

No attempt was made to standardize the values of credits across collegiate institutions. These variables contain the sums of the credit values as reported on the transcripts. See section 4.4 below for a discussion of the issue of standardizing credits and grades across institutions.

In most of these fields, the total number of regular credits ranged between 0 and 100 credits. A very few individuals have credit totals greater than 100 in a specific program area. Data users may wish to examine these few cases with extreme values before including them in analyses.

7. TCREDO1 through TCREDO50 and TCREDO99 (154-316) Counts of transfer credits appearing on all collegiate transcripts for a student. They are analogous to the variables RCREDO1 through RCREDO99 except that only credits that appear as transfer credits are counted.

Data users should note that there was no cost-effective means for ensuring that transfer credits were not double counted. That is, it is conceivable (although very unlikely, given the numbers of cases involved) that the same credits transferred to more than one institution were counted more than once in calculating these sums. Since only about 20 percent of the cases have any transfer credits, and since relatively few students (about 4 percent) received transcripts from more than two schools, double counting of transfer credits appears to be unlikely.

Students with no transfer credits in the designated CIP category have values of "0" in these variables. Students with no transcripts in the file (including ineligibles) are assigned the missing value of "999." Regular credits are excluded from these counters.



As for the "regular" credit sums, no attempt was made to standardize the values of transfer credits across institutions.

The total number of transfer credits for any individual was generally small. The largest observed value was 47 credits in Business/Clerical courses for one sample member. Most values are less than 30 transfer credits.

The next 13 variables are composite variables extracted from the main HS&B second follow-up survey data file. They include the following:

- |                    |                  |   |
|--------------------|------------------|---|
| <b>8. RACE2</b>    | <b>(317-319)</b> | Composite race/ethnicity (taken from the second follow-up survey data file).  |
| <b>9. SEXCOMP</b>  | <b>(320-320)</b> | Composite sex (combines data from all survey waves to eliminate missing values).  |
| <b>10. SCHSAMP</b> | <b>(321-321)</b> | High school sample type (see Chapter 5 for a description of the base year high school sample stratification).   |
| <b>11. HSPROG</b>  | <b>(322-322)</b> | Self-reported high school program (General, Academic or Vocational).  |
| <b>12. PARTIC</b>  | <b>(323-325)</b> | A set of flags indicating whether the sample member completed questionnaires for the base year, first, and second follow-up surveys. This field may be treated as three binary fields coded as "1" if the student participated in a survey, and "0" otherwise. A student who participated only in the base year survey would have the value "001," while a student who participated in the first and second follow-ups would have the value "110." Those who participated in all three waves (7,085 cases or 91 percent of the transcript study sample) have the value "111." |
| <b>13. SCHREGN</b> | <b>(326-326)</b> | The census division in which the student's base year high school was located.   |

14. HSREGION (327-329) A second variable storing the location of the student's base year high school. This item is stored as a three-position numeric field with one decimal place (F3.1), enabling the user to collapse the nine census divisions into the four standard census regions by ignoring the decimal value.
15. HSURBAN (330-330) An indicator of the degree of urbanization of the location of the student's base year high school. The values stored are "1" Urban (within a central city of an SMSA), "2" Suburban (within an SMSA but outside the central city area), and "3" Rural (outside a designated SMSA). These data were copied from the commercially produced file of secondary schools that was used as the core of the universe tape from which the HS&B base year school sample was drawn.
16. BYSCHDAT (331-331) A flag set to "1" if base year school data was collected and processed for the student's base year school (98 percent of the cases are coded "1").
17. BYTEST (332-337) The student's composite, standardized base year achievement test score (including Reading, Vocabulary and Mathematics components). This field stores the test composite in continuous format. The following field stores test quartile values.
18. BYTESTQ (338-338) The quartile of the weighted distribution of base year test scores in which the student's composite test score falls.
19. BYSES (339-344) The composite, standardized base year SES scale score constructed from measures of father's occupation and education, mother's education, family income and material possessions in the household. This field stores the SES composite in continuous format. The following field stores SES quartile values.
20. BYSESQ (345-345) The quartile of the weighted distribution of the SES measure into which the student's composite SES scale score falls.

**21. HSGRADES (346-346)** Self-reported high school grades (in response to an item in the base year student questionnaire). The values range from "1" for A or mostly A or grades of 90 to 100; through "8" for below D or average grades of less than 60. The missing value "9" is assigned to cases who did not respond to this item or to the base year survey.

Three weights are attached to the student-level records (see Chapter 5 for a full discussion of weighting procedures).

**22. RAWWT (347-353)** The raw weight indicates the number of cases in the population that the sample member represents. It is calculated as the inverse of the student's overall selection probability. The raw weight is unadjusted for the presence or absence of any data elements. It is not generally useful for data analyses, but forms the basis for the calculation of additional weights that are adjusted for nonresponse. Values for RAWWT have been included for ineligible cases to allow users to construct additional adjusted weights for specific purposes.

**23. WT1 (354-360)** The raw weight adjusted for the presence of at least one transcript in the data file. The value of this weight ranges from "0" for ineligibles and cases for whom no transcripts were received, through a high of over 1,400 for majority white students sampled with relatively low probabilities for the HS&B follow-up surveys. WT1 should be used for calculating statistical estimates using the 6,947 cases with at least one transcript in the file.

**24. WT2 (361-367)** The raw weight adjusted for the presence of transcript data AND data from all three survey waves (base year through second follow-up). The value of this weight ranges from "0" for ineligibles and cases who either are missing transcript data or any one of the three survey waves, through a maximum of over 1,100. This weight should be employed to analyze data from the 6,391 students with transcripts and the full complement of longitudinal questionnaire data. A full description of the

method of computation of weights can be found in Chapter 5.

25. PSTSOC80	(368-368)	These variables provide data on students for 12 points in time beginning in October 1980 and ending in July 1984. Within each year the student's enrollment status and school type along with the total cumulative credits earned to that point are recorded for the months of October, February, and July. Only "standard terms" are used for these calculations. These "standard terms" are semesters, trimesters, and quarters. In cases where the type of term could not be determined or no dates were available, courses in those terms were ignored. Variable names for Activity Pointers are formed with a root of PSTS concatenated with month and year. The root for Cumulative Credit Counters is CRED. The Codebook that follows Chapter 5 displays the values and frequency distributions for these variables.
CREDOC80	(369-371)	
PSTSFE81	(372-372)	
CREDFE81	(373-375)	
PSTSJU81	(376-376)	
CREDJU81	(377-379)	
PSTSOC81	(380-380)	
CREDOC81	(381-383)	
PSTSFE82	(384-384)	
CREDFE82	(385-387)	
PSTSJU82	(388-388)	
CREDJU82	(389-391)	
PSTSOC82	(392-392)	
CREDOC82	(393-395)	
PSTSFE83	(396-396)	
CREDFE83	(397-399)	
PSTSJU83	(400-400)	
CREDJU83	(401-403)	
PSTSOC83	(404-404)	
CREDOC83	(405-407)	
PSTSFE84	(408-408)	
CREDFE84	(409-411)	
PSTSJU84	(412-412)	Cumulative credit counts could be calculated as described for 6,303 HS&B cases. Counts were not calculated for 342 ineligibles, 487 ineligibles for whom no transcripts were processed, and 644 cases who either attended only vocational programs with non-traditional credits, or whose transcripts were missing data for all courses taken during the specified period.
CREDJU84	(413-415)	

#### 4.2.2 The Transcript Record

One transcript-level record was created for each transcript requested for each sample member. There is at least one Transcript Record for every student; over one-third of HS&B sample members have multiple Transcript Records. For ineligible cases, or for eligible cases for whom a transcript was not received, the transcript-level record is a placeholder or dummy record where information about the transcript request (e.g., the institution's ID number, the final data collection status code, etc.) is stored. If a transcript was received and processed, the transcript record stores information related to the entire spell of attendance at that school, such as degrees received, grade point averages, whether the school accepted any transfer credits, and so on. Information related to specific terms of attendance or specific courses taken is stored on term- or course-level records, which may be linked by a combination of ID keys to the transcript record with which they were originally associated. There are a total of 11,288 Transcript Records in the HS&B senior cohort database.

Specific data items are as follows:

Field	Tape Position	Description
1. RECTYPE2	(1-1)	A record type indicator. A value of "2" indicates a Transcript Record.
2. STUID	(2-7)	The standard 6-digit HS&B student identification number that can be used to link the Transcript Record with other records such as the Student or Term records. It also can be used to link to the main HS&B survey data files or other school or student files.
3. TRANSNUM	(8-8)	A transcript record was created for each transcript requested for each sample member. This field stores the sequence number of a specific transcript for a particular student. If students attended more than one school, their transcripts were sorted by DEGMON1 and DEGYR1 (see descriptions below). A sequential transcript number was assigned and stored in this field.
4. FICE	(9-14)	This field contains the identification code (FICE code or vendor number) of the postsecondary institution from which the transcript was requested. Lists of FICE or vendor codes are included as Appendices B (numerical order) and C (alphabetical order).
5. TRNSFLAG	(15-15)	A data availability flag. When set to the value "1" indicates that a transcript was requested and received. This flag may be used to conveniently separate the 9,385 actual (coded) Transcript Records from the 1,903 dummy Transcript Records.
6. TRNSFERT	(16-16)	A data availability flag. When set to the value "1" indicates that transfer courses were reported on the transcript. A total of 1,658 transcripts received had transfer credits included.

7. FINDISP	(17-17)	This field contains the final data collection disposition for each separate transcript request. If the requested transcript was not received, the reasons for non-receipt is indicated by the value of FINDISP. Ineligible (out-of-scope) transcript requests are denoted by the value "3" in this field. The complete list of values is
9,385 108 863  369 18 545		"1" - Transcript received; "2" - School refused to send transcripts; "3" - School officials reported student never attended; student reported non-existent school (i.e., diploma mill); "4" - School reported transcript was lost or destroyed; "5" - School closed; request packet undeliverable "6" - No response from school.
Total	11,288	
In-scope	10,425	
8. PSREGION	(18-18)	This field indicates the U.S. Census region in which the postsecondary institution from which the transcript was requested is located. A fifth value indicating foreign schools is included.
9. INSTYPE	(19-19)	The type of institution from which the transcript was requested. Possible values are  "1" - Vocational or proprietary "2" - Private, non-vocational college or university "3" - Public, 4-year college or university "4" - Public, 2-year college (non-vocational) "5" - Foreign school "6" - Unclassifiable school
10. TERMS	(20-21)	The number of terms reported on the transcript, and hence the number of Term Records associated with the Transcript Record. Data users should note that the use of the label "term" is somewhat broader than usual. In addition to "standard" school terms such as semesters, trimesters or quarters, some of the "terms" may be of

"non-standard" type, for example, "transfer terms" under which all transfer course credits were listed, "indefinite" terms of no fixed duration, or "exam terms" under which credits earned by examination were stored. With two exceptions, there is at least one term-level record for each transcript record that is not a "dummy" transcript record (created for ineligible or for eligible transcripts not received). In these two exceptions, the transcripts had such unusual formats that no term or course information could be abstracted. The maximum number of term records associated with a transcript record is 30. Over 75 percent of the transcripts have 8 terms or fewer. About half the transcripts (47 percent) have 4 terms or fewer.

The next 18 data items (tape positions 22-81 on the Transcript Record) provide up to three sets of six pieces of information about educational credentials earned during the terms reported on the transcript. A maximum of three credentials (usually academic degrees) are described. For each degree, data are available on the type of degree, a text field containing the credential name as it appeared on the transcript, a grade point average associated with each degree, whether honors were conferred with the degree, and the month and year the degree was conferred. Specific items are as follows:

- |             |         |   |
|-------------|---------|---|
| 11. DEGREE1 | (22-22) | These fields contain codes describing the types of degrees (B.A., M.A., etc.) earned and reported on the transcript. Up to three degrees were coded for respondents who earned multiple degrees (e.g., B.A., M.A., and Ph.D.) at the same school. Degrees were entered onto Transcript Records in the same order that they appeared on the transcript forms. About 3,100 of the transcripts contain information on at least one credential. Very few transcripts for HS&B sample members (approximately 50) indicated second or third degrees. These fields were included to maintain consistency with NLS-72 transcript files, in which additional degrees were more common. |
| DEGREE2     | (42-42) |   |
| DEGREE3     | (62-62) |   |

Values associated with credential types are

- "1" - Associate
- "2" - Bachelors



- "3" - Masters
- "4" - Ph. D.
- "5" - License
- "6" - Certificate
- "7" - No Degree reported
- "9" - Missing transcript

12. DEGREE1 (23-29)  
 DEGREE2 (43-49)  
 DEGREE3 (63-69)

These fields contain verbatim text of the degree name as it appeared on the transcript. These fields may be used to create finer divisions among the degree types than are available in the DEGREE(n) variables.

13. GPA1 (30-36)  
 GPA2 (50-56)  
 GPA3 (70-76)

These fields contain the grade point average associated with the nth degree listed on the transcript. If only one GPA was reported on the transcript, it was either attached to the degree designated on the transcript, or if not so designated, the single GPA was attached to the highest degree earned. In the great majority of cases only one degree and one GPA were reported on the transcript.

In the majority of cases a GPA was reported when no degree had been earned. These values were stored in the first of the three fields (GPA1).

Data users should note that the grade point averages stored in these fields reflect exactly the values (hence grade scales) reported by the institutions. No attempt was made to rescale these scores to a standard metric. Although the most commonly reported scores were based on a conventional four-point scale (where a grade of A is worth 4 points, B is worth 3 points, C is two points, D receives 1 point and failure receives 0 points), a few schools' grading systems departed widely from this norm.

Ninety-nine percent of the GPAs reported fell in the range 0 to 4.0. Only 63 transcripts contained values greater than 4. Of these, only 23 transcripts showed GPAs greater than 5.0. The user should carefully examine the distributions of data values for these items before including them in any analyses.

Information was not always available to determine whether the GPA reflected a 4-point grading system or some alternative. The variable GENGPA described below represents one attempt to standardize the calculation of GPA to a common numeric scale. Users are advised to compare the reported GPA to the value for GENGPA for each case to evaluate any assumptions about GPA scale properties on which their analyses may depend.

- |     |                               |                               |   |
|-----|-------------------------------|-------------------------------|---|
| 14. | HONORS1<br>HONORS2<br>HONORS3 | (37-37)<br>(57-57)<br>(77-77) | These fields indicate (with a value of "1") whether any honors designation, such as Cum Laude, was conferred with the nth degree. |
| 15. | DEGMON1<br>DEGMON2<br>DEGMON3 | (38-39)<br>(58-59)<br>(78-79) | These fields indicate the month the degree or other credential was awarded.   |
| 16. | DEGYR1<br>DEGYR2<br>DEGYR3    | (40-41)<br>(60-61)<br>(80-81) | These fields indicate the year the degree was awarded.  |

The next 12 items (Transcript Record tape positions 82-267) contain a variety of data related to a student's field(s) of study at a given institution. For each transcript data are recorded for up to three major fields and three minor fields or concentrations. Majors and minors were coded using the six-digit CIP taxonomy. In addition, a verbatim text field was entered reflecting the information appearing on the transcript.

- |     |                                  |                                    |   |
|-----|----------------------------------|------------------------------------|---|
| 17. | MAJCIP1<br>MAJCIP2<br>MAJCIP3    | (82-87)                            | These fields contain the six-digit CIP code for each of up to three reported major fields. Major fields were reported on 3,725 transcripts. Second and third majors were extremely rare for HS&B transcripts. These fields were preserved to maintain complete consistency with the NLS-72 transcript data files. |
| 18. | MAJTEXT1<br>MAJTEXT2<br>MAJTEXT3 | (88-112)<br>(119-143)<br>(150-174) | These fields contain the verbatim text for the nth major reported.  |

19. MINCIP1 (175-180) These fields contain the six-digit CIP  
MINCIP2 (206-211) code for the minor field of study. Only  
MINCIP3 (237-242) 173 HS&B transcripts included data on minor  
fields. These fields were preserved to main-  
tain complete consistency with the NLS-72  
transcript data files.
20. MINTEXT1 (181-205) These fields contain the verbatim text  
MINTEXT2 (212-236) for the nth minor field reported.  
MINTEXT3 (243-267)
21. GENGPA (268-274) This field contains a "synthetic" grade  
point average calculated from the regular  
(non-transferred) courses listed on the  
transcript. It represents one attempt to  
create a standardized grade scale on  
which students attending institutions  
with differing grade schemes might be  
compared. To compute this score, first,  
all letter grades were converted to  
numeric equivalents on a typical colle-  
giate 4.0 point system (A=4, B=3, C=2,  
D=1, F=0), ignoring whatever underlying  
numeric scale the school used to calcu-  
late its own grade point average. Then,  
because courses vary in terms of the  
credits they carry, the rescaled grades  
were weighted (multiplied) by the accom-  
panying course credit values, and summed.  
These sums were then divided by total  
credits attempted to produce GENGPA.

This data item was computed for non-  
vocational schools only. Courses with  
numeric grades (less than 2 percent of  
the total), Pass/Fail grades, Satisfactory/  
-Unsatisfactory grades were not included in  
the calculation. The effect of plus and  
minus signs on grades was also ignored.

Although this computed variable  
meets the criterion of placing students  
on a common numeric scale (an "A" for a  
full credit course is assigned the same  
numeric value at all institutions), this  
scale should not be interpreted as  
implying that the same grade at differ-  
ent institutions signifies the same  
underlying quality of student work.  
This scale addresses the problems of  
non-comparability of grades based on  
differing numeric models (e.g., 4-point,

5-point, 10-point scales, etc.). It does nothing to confront the problem of widely varying grading standards at different institutions. Data users should use due caution in comparing values on GENGPA for students attending very different types of schools or enrolled in programs of varying length and difficulty.

A value for GENGPA was successfully computed for 8,055 HS&B transcripts (86 percent of the 9,385 processed transcripts.) Calculated values range between 0.037 through 4.0.

**22. TCREDA (275-277)**

This field contains the sum of all regular (i.e., non-transfer) course credits attempted across all terms associated with a specific transcript. Sums were based on values as they were reported on students' records. No attempt was made to standardize these credits prior to calculating the sum.

TCREDA was successfully calculated for 8,475 cases (90 percent of the 9,385 processed transcripts). The remaining 910 cases were missing credit data on their transcripts.

**23. TCREDE (278-280)**

This field contains the sum of all regular (i.e., non-transfer) credits earned, that is, credits for courses in which a passing grade was reported, across all terms on a specific transcript. Sums were taken on values as they were reported on students' records. No attempt was made to standardize these credits prior to calculating the sum.

TCREDE was calculated for 8,265 transcripts (88 percent of the 9,385 processed transcripts). Total earned credits could not be computed for 1,120 transcripts.

### 4.2.3 The Term Record

A Term Record was created to store data for each term associated with a transcript, and to provide an organizing mechanism for linking course-level records associated to a given term and transcript. Students have widely varying numbers of Term Records (up to 30 terms), reflecting the amount of time spent in postsecondary schooling. Students who enrolled only in one short-term vocational program, or who stayed for only one semester at an academic institution, may only have a single Term Record in the file. Approximately 15 percent of the 9,385 coded transcripts had a single associated Term Record. Students continuously enrolled in institutions of higher education since high school graduation have many more Term Records in the database. The HS&B senior cohort database includes a total of 51,730 Term Records (covering the 6,947 students for whom one or more transcripts were received). Approximately half (48 percent) of the transcripts in the file are linked to four or fewer terms. An additional 30 percent of the transcripts are linked to between 5 and 8 Term Records. Ten percent of the transcripts are linked to more than 10 Term Records.

Most Term Records describe conventional academic terms of study such as semesters or quarters. These Term Records store data that pertain to courses taken during the specified term, and which otherwise would have been repetitively and wastefully stored directly on Course Records. Term Records include such items as beginning and ending dates for the term and the grade scale being used for the courses taken in that term. In some cases, grading schemes at a school changed during a student's spell of attendance. Data on term records help to identify these instances for proper handling.

For some transcripts "dummy" Term Records were created for the purpose of organizing non-conventional courses such as those transferred from another school, or for course-equivalents such as credits awarded by examination. Dummy Term Records generally do not have valid data in such fields as dates and grade scales. The data items on the Term Record are as follows:

Field	Tape Position	Description
1. RECTYPE3	(1-1)	This field is a record type indicator where the value "3" indicates a Term Record.
2. STUID	(2-7)	The standard 6-digit HS&B student identification number that can be used to link the Transcript Record with other records such as the Student or Term records. It also can be used to link to the main HS&B survey data files or other school or student files.

3. TRANSNUM (8-8) The sequence number of a specific transcript for a particular student. If students attended more than one school, their transcripts were sorted by DEGMON1 and DEGYR1 (see descriptions below). A sequential transcript number was assigned and stored in this field.
4. TERMNUM (9-10) The sequence number of a specific term within a particular transcript. Terms are sorted by date (SORTDATE - see below) within transcript.
5. SORTDATE (11-14) This field stores the date (in the format MMY) used to sort terms and assign sequence numbers. When possible, the starting dates of terms were used. When these data were missing, ending dates were used. See the description of starting and ending data variables below.
6. TRANSFER (15-15) A data availability flag. When set to the value "1", it indicates that the term is a transfer term, that is, the courses associated with it are transfer credits. A total of 2,925 Term Records (about 6 percent) are classified as Transfer Terms.
7. TERMTYPE (16-16) The value in this field identifies the type of term (semester, trimester, exam, etc.) to which associated course records belong. The possible values for this variable are
- |        |  |
|--------|--|
| Number |  |
| 1,748  | "1" - Variable length term or noncourse term     |
| 33,683 | "2" - Semester                                   |
| 592    | "3" - Trimester                                  |
| 14,385 | "4" - Quarter                                    |
| 646    | "5" - Examination for which credits were awarded |
| 857    | "7" - Undated & unknown term of study            |
| 1      | "9" - Missing                                    |
| 51,730 | Total  |
- Transcripts containing indications of credits awarded for occupational or

other life experiences generally did not list these credits under any academic term. Term type "1" was created to provide a link for the Course Record containing the information about the program area and value of the credits awarded.

Term type "1" was also used for the variable length terms of study employed by certain proprietary vocational programs. Beginning and ending dates for these terms are stored in the relevant fields described below. Terms for which no date information was available to judge duration were classified as term type "7."

- |                    |                |   |
|--------------------|----------------|---|
| <b>8. COURSES</b>  | <b>(17-18)</b> | This field contains a count of the number of courses for this term and an indicator of the number of Course Records associated with it. The values in this field range from 1 to 60. Ninety-two percent of the terms are linked to 6 courses or fewer; 99 percent of terms have fewer than 10 courses. The small percentage of terms with 10 or more courses are non-standard vocational terms of variable or unknown duration.                                     |
| <b>9. STARTMON</b> | <b>(19-20)</b> | This field gives the numeric value of the starting month for this term (e.g., "01" = January, "12" = December).   |
| <b>10. STARTYR</b> | <b>(21-22)</b> | This field contains numeric value of the calendar year that the term began. The possible values are limited to "78" through "84." Although nearly all members of the HS&B 1980 senior cohort graduated in May or June of 1980, some exceptionally bright students had been enrolled in college-level programs as early as 1978, for which credit was awarded on their transcripts. Only one half of one percent of all Term Records have start dates prior to 1980. |
| <b>11. ENDMON</b>  | <b>(23-24)</b> | This field contains the numeric value for the ending month for the term.  |



12. **ENDYR** (25-26) This field contains the numeric value for the year the term ends. See the description of **STARTYR** above.
13. **SEASON** (27-27) This field indicates the season ("1" = Fall, "2" = Winter, "3" = Spring, "4" = Summer, "9" = Missing), as shown on the transcript, during which the term occurred. Just over 6 percent of all terms could not be assigned a season and were coded missing.
14. **GRADCODE** (28-28) This field indicates whether the grading scale used during this term was a letter scale (A, B, etc.) or a numeric scale. On over 98 percent of the terms, letter grades were indicated; 1.5 percent of the terms (776 terms) indicated numeric systems.
15. **PASSGRAD** (29-31) If the value for the **GRADCODE** field equals "numeric," this field indicates the minimum passing grade used by the institution for the designated term. Of the small number of terms using the numeric scale, over three-fourths set the value "1" as the minimum passing grade, suggesting a 4-point scale similar to the numeric basis of most letter grade systems. The remainder were divided among the values "60," "65," "70," "75," and "80," with "70" the most common.
16. **HIGHGRAD** (32-34) If **GRADCODE** equals "numeric," this field indicates the highest possible grade used by the institution for the designated term. Three-fourths of the numeric grade terms indicated the value "4" as the maximum possible grade. For the remainder, the maximum score was "100."
17. **LOWGRAD** (35-37) If **GRADCODE** equals "numeric," this field indicates the lowest/possible grade used by the institution during the designated term. For all numeric grade terms but one, the value given was "0." The sole deviant was a value of "70" given for one term.

18. MEMO (38-62) MEMO is a verbatim text field that was used by coders to make comments on non-standard features of this term or transcript. If the TERMTYPE is "transfer," the name of the school(s) from which courses were transferred were entered here.

#### 4.2.4 The Course Record

One Course Record was created for every course reported on a transcript. Credit-bearing entities other than courses were also stored in course records (e.g., credits earned through work experience or by examination. Varying numbers of course records are associated with each term for a particular student. In all, there are 216,426 Course Records stored in the HS&B senior cohort database. Data items on the Course Records are as follows:

Field	Tape Position	Description
1. RECTYPE4	(1-1)	This field contains a record type indicator that is set to a value of "4" for Course Records.
2. STUID	(2-7)	The standard 6-digit HS&B student identification number that can be used to link the Transcript Record with other records such as the Student or Term records. It also can be used to link to the main HS&B survey data files or other school or student files.
3. TRANSNUM	(8-8)	The sequence number of a specific transcript for a particular student. If students attended more than one school, their transcripts were sorted by DEGMON1 and DEGYR1 (see descriptions below). A sequential transcript number was assigned and stored in this field. When used with STUID, this field can be used to link a Course Record with the appropriate Transcript Record.
4. TERMNUM	(9-10)	The sequence number of a specific term within a particular transcript. Terms are sorted by date (SORTDATE - see the

Term Record) within transcript. When used with STUID and TRANSNUM, this field can be used to like a Course Record with the appropriate Term Record.

5. CRSECIP (11-16) This field contains the six-digit CIP code for the course. Appendix D contains a complete list of the 1,124 CIP codes and program names.
6. CRSECD (17-23) This field contains the credit value recorded on the transcript for the course. No attempt was made to standardize or otherwise rescale these credit values. Data users should examine the distributions of these variables carefully before including them in any analyses.

Legal credit values ranged from "0" for non-credit courses, audited courses and failed courses, through a maximum of 467 credits assigned to a single "course" identified on the transcript record. In fact, 92 percent of all courses coded carried the integer credit values "0" through "5," and 51 percent of the courses carried exactly 3 credits. When courses with decimal credit values are included, 95 percent of the courses were assigned credit values of 10 or less and 94 percent of the courses carried values of 5 or less.

The majority of credit values greater than 10 were earned by vocational students in non-traditional terms, perhaps lasting several months to a year. Although their programs of study were not broken down into discrete courses, there were often many component segments in the programs for beauticians, jewelers, lab technicians and mechanical repairers. The total credit values assigned to the course or program was often measured in clock hours rather than standard credit hours, leading to some values of several hundred in the credit field. Researchers are strongly urged to examine the distributions of credits and other relevant fields prior to conducting specific analyses. See Section 4.4 below for additional discus-

sion about the data values in the credits and grades fields.

For about 5 percent of the courses coded (22,422 courses) credit information was not available.

**7. CRSGRADA (24-25)**

This field contains the course grade if it is a letter grade. The possible values are

A+ A A- B+ B B- C+ C C- D+ D  
D- E & F

for standard grades, and the following additional values for non-standard outcomes

AU = Audit  
CR = Credit, no other grade  
I = Incomplete  
NO = No grade given  
P = Pass  
S = Satisfactorily completed requirements  
U = Unsatisfactory  
W = Withdrawal, no grade given  
WF = Withdrawal with failing grade  
WP = Withdrawal with passing grade  
99 = Missing data (about 5 percent of all grades)

About 95 percent of all courses coded (over 205,000 courses) were given one of the non-missing letter grades listed above.

**8. CRSGRADB (26-32)**

This field contains the course grade when it is a numeric grade. Numeric grades were entered exactly as given on the transcript. No attempts were made to standardize or otherwise rescale individual course grades. The variable GENGPA on the transcript-level record represents one attempt to place student's grades on a common metric. However, because of the variety of numeric scales used, and because so few students (less than 2 percent) were assigned numeric grades by their schools, numeric grades were not included in the GENGPA composite variable on the Transcript Record.

Only 4,708 of 216,426 courses were given numeric grades (about 2 percent). Values stored in the CRSGRADB field must be interpreted in the context of the maximum, minimum and minimum passing values stored in fields on the Term Records. Three-fourths of the numeric grades given were in the range from 0 to 4 (reflecting the scale properties described under PASSGRAD, HIGHGRAD, and LOWGRAD on the Term Record). Approximately 250 courses (one-tenth of one percent of all courses) had values between 5 and 10. The remainder (about 900 courses (less than one-half of one percent of all courses) had scores between 40 and 100, and appear to be measured on a 100 point system.

**9. GRADTYPE (24-24)**

This field contains a value indicating whether the grade for the course is a letter grade or a numeric grade. Ninety-five percent of the courses coded had standard letter grades. Two percent of the courses had numeric grades and three percent of course grades were missing.

**10. CRSENAME (34-58)**

This field stores the exact text of the course name as it appeared on the transcript. This element was stored to provide users with the opportunity to recode courses using a structure or taxonomy other than that provided by the Classification of Instructional Programs. It may also be used to recode courses according to the more detailed Classification of Postsecondary School Courses now being prepared under a CS contract.

### **4.3 Merging Records**

As described above, the postsecondary transcript database consists of four files, one for each record type. However, the individual record types have been designed to allow for the merging of data from two or more files into a single hierarchical file, or, if necessary, into a very large rectangular file. The relationship among the various record types and the identifiers needed to merge levels are summarized in Figure 4.3-1.

**A Schematic Diagram of the Database Hierarchy  
Representing Nested Transcript, Term and Course Records  
for Three Sampled Students**

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#### 4.4 A Cautionary Note on the Use of Credits and Grades Data in the Postsecondary Transcripts Database

As we have emphasized throughout this manual, postsecondary transcript data were abstracted from school records of greatly varying structure and content. It is essential for users of these data to be fully aware that the elements in the database are intended to be a faithful reproduction of the information reported on the transcripts. Except for the creation of the composite variables described above, the transcript data have not been rescaled, standardized, or otherwise manipulated prior to entry into the database. For some items, notably course grades, school-reported grade point averages, and course credits, the user must not assume that the data stored in the designated fields are all values from a common underlying metric.

Course grades were entered as they appeared on the transcript. Two types of grades (letter and numeric) were stored on separate fields in the course records in order to minimize the effort needed to compute customized grade indicators.

As explained above, a comprehensive list of allowable letter grades (including such administrative "grades" as "credit given," "audit," "withdrawal," "pass," and "fail") was constructed to handle the entry of letter grades reported by schools. Although nearly all (98 percent) of the schools assigned letter grades, not all schools used all possible grades to make distinctions between student performance levels. Although most schools used conventional "+" and "-" qualifiers, some schools applied these only to selected levels (e.g., C+, C, and C-, but not B+ or B-). More important, however, is the fact that several different schemes of numeric equivalents were used by schools in translating letter grades to number grades for the computation of Grade Point Averages. By far the most common scheme is the standard four-point collegiate scale (A = 4, B = 3, C = 2, D = 1, E or F = 0). A small number of schools assigned different numeric equivalents, however, such as setting the value of an "A" grade to 5 or 6 numeric points. For this reason, some grade point averages in the fields A1, GPA2, and GPA3 on the transcript-level records may exceed the conventional upper bound of 4.0. To overcome this problem of data comparability, the field GENGPA was created by applying the standard four-point scale to all letter grades from all schools, weighting courses by credit values, and computing a "synthetic" grade point average.

Less than two percent of all courses in the file were graded on a numeric scale. These courses were disproportionately found on transcripts from short-term vocational/proprietary school programs. To help establish a basis for standardizing the metric for the numeric grades, the term records contain fields showing the highest, lowest, and minimum passing scores for the designated school's grading system if this information was present on the transcript or in other documentation (bulletins or course catalogs) from the school. Because of their low prevalence and because of the problems in establishing a common numeric scale caused by missing information on schools' grade



ranges and minimum passing grades, courses with numeric grades were not included in the calculation of the variable GENGPA described above.

The data in the course credits fields also were entered exactly as reported on the transcript form, with no attempt made to standardize the units. Researchers should use special caution in analyzing and further manipulating course credit data. At minimum, users should familiarize themselves with the variability of data in the fields prior to conducting analyses. We further recommend that users carefully examine the ranges and distributions of credit values reported by different types of institutions (as indicated by the INSTYPE variable (position 19-19) on the Transcript Record). For the most part, standard collegiate institutions reported credits based on the same or very closely related credit scales. At these institutions, the typical academic course in most departments carried a value of 3 credits, and so this is the modal value observed for courses at these institutions. (In fact, 51 percent of all courses taken by HS&B sample members and 48 percent of all courses taken by NLS-72 sample members carried exactly 3 credits.) A significant proportion of courses, especially those in the hard sciences that included extensions such as laboratory periods and other additions to standard classroom schedules, earned higher credit values, although the majority of the values fall between 3 and 5 credits for these expanded courses. Lower level courses whose classes met for fewer hours per week had credit values between 1 and 3 (about 20 percent of all courses taken).

Courses with credit values greater than 5 were rare (about 2 to 3 percent of all courses for which credits could be coded). Altogether, 94 percent of the courses taken by HS&B sample members and 93 percent of courses taken by NLS-72 cases carried between 0 and 5 credits (about 2.5 percent of the courses for both samples carried no credit). Courses with credit values between 5 and 20 accounted for an additional 1.5 percent of all courses taken by HS&B cases, and 2.4 percent of all courses taken by NLS-72 cases. Credit values greater than 20 and up to the allowable limit of 500 (almost exclusively from vocational programs reflecting clock-hour systems) accounted for less than one-half of one percent of those recorded for both HS&B and NLS-72 cases.

Finally, credit values were missing from 5 percent of the courses for both samples. Thus, for most conventional analyses, researchers may wish to recode credit values above, for example, 5 or 8 credits, to the missing data code in order to prevent unusual programs with extreme values from affecting results. Researchers who are especially interested in vocational programs and courses should carefully examine all of the data related to courses with high credit values.

Of concern in any analysis of course credits is the possibility of differences between the numeric scales for credits awarded by schools on the semester system and schools on the quarter system. These two types of term systems accounted for about 93 percent of all terms in which sampled students of both HS&B and NLS-72 cohorts were enrolled. Other types of terms were generally very rare in the tran-

scripts. For example, trimesters accounted for only 1 percent of the 175,000 term records in the HS&B and NLS-72 datafiles. Variable-length terms, common at vocational schools, accounted for an average of 4 percent of all terms reported. Semesters, on the other hand, accounted for 65 percent of the terms, and quarters were 28 percent of the terms for HS&B sample members. In the NLS-72 sample, 60 percent were semesters and 32 percent were quarters.

Typically, the number of credits required for graduation from schools on the quarter system is slightly higher than the number required by schools on the semester system. This gives rise to the concern that course credits may not be expressed in comparable units across types of institutions, and that the value of a course given at a quarter system school may have "inflated" credit value, compared to the credit value of the same course at a school on the semester system. Some researchers have suggested that the transcripts datafile include additional fields containing rescaled or standardized credits, to ensure that credits from differing systems were scored on a common metric. A frequent suggestion was that course credits for schools on the quarter system be deflated by a linear transformation in order to more nearly equal those awarded by semester system schools.

Although the Postsecondary Education Transcript Study did not include the resources for a formal study of this issue, a number of empirical analyses demonstrated that the fact of comparability or non-comparability cannot easily be established. The simplest but most compelling evidence against any simple transformation of quarter system course credits came from comparisons of the credit values of standard collegiate courses taken by students in both types of schools. These comparisons showed clearly that for most typical science, mathematics, social science or humanities courses, the credit values were the same (generally 3 credits) at both types of institutions. Further comparisons of the average numbers of credits carried by students per term showed no systematic or significant differences between the two systems. For these reasons, the final decision concerning course credits was to include on the public release tapes only the raw credit values as they were reported on the transcripts, and to caution users that the comparability of credits across institution and term types could not be assumed, but should be carefully assessed in light of specific analytical objectives.

Finally, a major source of variation in the credit values in the file relates to the use of "clock hours" rather than conventional "credit hours" by vocational and proprietary schools. Students at these schools often earned several hundreds of clock hour credits for completing a unified program made up of several instructional modules each lasting a few days. Analysts are strongly urged to use special caution in the analysis of course credit fields because of the extreme effect these outlier values (some ranging as high as 500) may have on statistical estimates. These values have been retained in the system to support special analyses of relatively small subgroups of students and their educational activities. Failure to provide for special handling of these cases may produce bizarre results in conventional analyses.

#### **4.5 Datafiles Included on Public Release Tapes**

**The following data files are available on tapes to the public for a nominal charge:**

**HSB.STU.RAW  
HSB.TRANS.RAW  
HSB.TERM.RAW  
HSB.COURSE.RAW  
HSB.SAS.CARDS  
HSB.SAS.LIB  
HSB.LAYOUT  
HSB.STU.SPSSCARD  
HSB.TRANS.SPSSCARD  
HSB.TERM.SPSSCARD  
HSB.CRSE.SPSSCARD  
HSB.STU.SPSSXCRD  
HSB.TRANS.SPSSXCRD  
HSB.TERM.SPSSXCRD  
HSB.CRSE.SPSSXCRD**

## 5. SAMPLE DESIGN AND IMPLEMENTATION

The Postsecondary Education Transcript Study involved the collection and processing of school records for a subsample of the High School and Beyond (HS&B) 1980 senior cohort. A full description of the sample design for HS&B is provided in the sample design reports for the base year, first, and second follow-up surveys.<sup>1</sup> To assist transcript data file users who may not be familiar with the overall design of HS&B, the following sections present an overview of the sample design for the full survey.

### 5.1 Base Year Sample Design

The base year (1980) survey employed a two-stage, highly stratified sample design with secondary schools having tenth and/or twelfth grades as the first-stage units of selection and students within schools as the second-stage units. With the exception of certain special strata, which were oversampled, schools were selected with probabilities proportional to their estimated enrollment in the tenth and twelfth grades. Within each school, 36 seniors and 36 sophomores were randomly selected. In schools with fewer than 36 seniors or 36 sophomores, all eligible students were selected. Sampling rates were set so as to select within each stratum the number of schools needed to satisfy study design criteria regarding minimum sample sizes for certain types of schools. As a result, some schools had a very high probability of inclusion in the sample (in some cases equal to 1.0) while others had a much lower probability of inclusion. The total number of schools selected for the initial sample was 1,122, from a frame of 24,725 schools with grades ten or twelve or both.<sup>2</sup> Sampling strata and the number of schools selected in each are shown in Table 5.1-1.

Substitutions were made for schools that refused to participate in the survey. No substitutions were made, however, for students who for whatever reason failed to participate.<sup>3</sup> Substitutions for refusal schools occurred only within strata. In certain cases no substitution was possible because a school was the sole member of its stratum. (See the High School and Beyond Second Follow-Up (1984) Sample Design Report, available from CS.)

The realization of the sample by stratum is shown in Table 5.1-2. Although the sample design specified that students in all but the special strata would be selected with approximately equal probabilities, the probabilities are only roughly equal. In the special strata students were selected with higher probabilities which, in some instances, were extremely high. Moreover, the same as realized did not equal the sample as drawn, creating further deviations from a self-weighting sample. Consequently, each school (and student) was assigned a weight equal to the number of schools (or students) in the universes they represented. Since each student's overall selection probability (hence weight) was further influenced by the sample design, the derivation of student case weights is discussed below. Calculation of school weights is described in the user's manual for the school questionnaire data file.

Table 5.1-1

## High School and Beyond Base Year School Sample Selections

<u>Special Strata (oversampled)</u>		<u>Number</u>
Alternative public		50
Cuban public		20*
Cuban Catholic		10*
Other Hispanic public		106*
High performance private		12
Other non-Catholic private (stratified by four census regions)		38
Black Catholic		30*
<u>Regular Strata (not oversampled)</u>		
Regular Catholic (stratified by four census regions)		48
Regular public (stratified by nine census divisions; racial composition; enrollment; central-city, suburban, rural)		808
		<hr/> 1,122

\*These schools were defined as those having 30 percent or more of enrollment from the indicated subgroup.

Table 5.1-2

## High School and Beyond Base Year Sample Realization

<u>Stage 1: Sampling of Schools</u>				
<u>Stratum</u>	<u>Drawn in sample</u>	<u>Original schools*</u>	<u>Substituted schools</u>	<u>Total realized</u>
Regular public	808	585	150	735
Alternative public	50	41	4	45
Cuban public	20	11	--	11
Other Hispanic public	106	72	30	102
Regular Catholic	48	40	5	45
Black Catholic	30	23	7	30
Cuban Catholic	10	7	2	9
High performance private	12	9	2	11
Other non-Catholic private	38	23	4	27
TOTAL	1,122	811	204	1,015

## Stage 2: Sampling of Students

	Total drawn in sample	Absent, both Survey and Make-up days	Student refused	Parent refused	Partial materials missing**	Total realized
Number	70,704	8,278	1,759	223	2,174	58,270
Percent	100	12	3	.	3	82

\*Includes additional selections made when schools were found to be out-of-scope.

\*\*Unusable because critical survey materials missing.

Use of weights should lead to correct estimates (within sampling error) of the population of tenth and twelfth grade students in United States schools in spring 1980, and of subgroups within that population.

### **5.2 1980 Senior Cohort Sample Design for First and Second Follow-Up Surveys**

All 1980 senior cohort students selected for the base year sample had a known, non-zero chance of being selected for the first and all subsequent follow-up surveys. The follow-up sample consists of 11,995 selections from the base year probability sample. This total includes 11,500 selections from among the 28,240 base year participants and 495 selections from among the 6,741 base year nonparticipants. The first and second follow-up surveys included an additional 204 individuals who were twins of sampled students but who were not themselves part of the probability sample. (These individuals are not included in the third follow-up [1986] survey.)

Several features of the senior cohort follow-up sample design enhance its usefulness. First, the inclusion of 495 base year non-respondents facilitates the estimation of nonresponse bias in base year data. Second, since the sampling plan called for retention in the follow-up surveys of less than one-half of the 1980 seniors who had participated in the base year survey, it was important to devise a subsampling plan that would retain in the follow-up sample sufficient numbers of students with the kinds of characteristics that past research had indicated would be required for education policy analyses. This required adjusting the subsampling rates for these students in order to retain sufficient numbers of them in the follow-up sample. One especially important adjustment was the selection of 1,500 additional Hispanic students beyond the number expected in the CS core sample. This supplementary oversample allows more complex, detailed analysis of Hispanic student outcomes. (The so-called Hispanic supplement was supported by the Office for Bilingual Education and Minority Language Affairs.) Thus, the follow-up sample, though much smaller, is able to provide estimates for many subpopulations that are nearly as precise, statistically, as those of the larger base year sample. The follow-up sample allocation is shown below in Table 5.2-1.



### **5.3 The Postsecondary Education Transcript Study (PETS) Sample**

Postsecondary transcripts were requested for all members of the 1980 senior cohort who reported in either follow-up survey attending any form of postsecondary school since leaving high school. Thus, no further probabilistic sampling was done to define the PETS sample. The only restriction on inclusion in the PETS sample was that the respondent must have provided the name of the school attended so that records could be requested. Thus, omitted from the transcript study were a very few sample members who indicated that they had attended some form of postsecondary school, but who gave no indication during either follow-up survey of the name of the school(s).

In all, 7,776 members of the 1980 senior cohort satisfied the initial criteria for inclusion by naming at least one school in at least one of the follow-up surveys. However, as explained in detail in Chapter 2 above, for 342 cases school officials at the single school the students named returned information that the individual either had never actually enrolled in that institution or did not complete sufficient work to have an enrollment record. Because most of the evidence suggests that the report of postsecondary attendance should be interpreted as response error, these cases have been defined as ineligible or out-of-scope for the transcript study. No transcript weights have been calculated for these individuals.

However, because the evidence for non-attendance is not completely conclusive, these cases have been included on the public release data files (including raw weights and selected HS&B questionnaire data). As described in Chapter 4 above, these cases have a single dummy Transcript Record whose Final Disposition field contains the value for "never attended" status.

In the course of normal transcript data analysis, these cases may be deleted from the analysis data files (along with other cases for whom no transcripts were obtained) by selecting for the analysis only cases with non-zero values for one of the transcript weights. However, analysts who choose to include these cases in the population of interest may recalculate the sampling weights by redefining these cases as eligible and following the procedures described in the section on weighting below. The effect of excluding these individuals from the domain of interest is to reduce the population estimate of the number of 1980 seniors attending postsecondary schooling by one to two percent of the cohort size (that is, between approximately 30,000 and 60,000 out of a total cohort of approximately 3.1 million individuals).



Table 5.2-1

## Sample Allocation for Follow-Up Surveys of the 1980 Senior Cohort

Subgroup	Twin Data	Parent Data	Twin and Parent Data	Neither Twin Nor Parent Data	Total (b)
<b>Base Year Participants:</b>					
Hispanic (a)					
High Achievement (c)	4	70	2	583	659
Others	15	264	5	1,557*	1,841
Asian	3	72	0	479	554
American Indian	2	21	1	184	208
Black					
High Achievement (c)	7	73	0	474	554
Others	36	307	4	2,099*	2,446
White					
Low SES/High Achievement (d)	0	63	1	452	516
Other	168	1,305 (f)	21	2,650* (g)	4,114
Missing Data (e)	17	27	0	356*	400
All Others	3	86	0	119*	208
<b>Base Year Nonparticipants</b>					<b>495*</b>
<b>PROBABILITY SAMPLE</b>					
<b>TOTAL</b>	<b>255</b>	<b>2,288</b>	<b>34</b>	<b>8,923</b>	<b>11,995</b>
<b>Non-Sampled Co-twins</b>	<b>204</b>				<b>204</b>
<b>TOTAL IN SURVEY</b>					<b>12,199</b>

\*These cells were subsampled.

- (a) Includes Hispanic supplement of 1,500 students.
- (b) Includes USARC supplement. Total number of moderate to high achieving males with no college plans is 947.
- (c) High achievement for Black and Hispanic students is defined as having a composite High School and Beyond test score above the weighted mean for the entire population.
- (d) Among Whites, low SES is defined as the lowest quartile of the composite SES score distribution for the entire population. High Achievement is defined as a composite High School and Beyond test score in the highest quartile for the entire population.
- (e) Cases in this row are Whites who are missing data on either the composite SES score or the composite High School and Beyond test score. (f) Cases in this cell are students whose parents provided data and who reported in 1980 that their main activity after high school would involve postsecondary education.
- (g) Cases in this cell include approximately 160 selections from the group of 875 "other Whites" with parent data who had no plans for postsecondary education and thus were not reselected with certainty.

Table 5.3-1 shows the distribution of the number of schools reported by the 7,434 in-scope cases. Over three-fifths of the students reported attending only one institution in their responses to the follow-up surveys. An additional 30 percent of these cases reported attending exactly two schools. Only about 8 percent (602) reported attending three or more postsecondary schools during the four-year period since leaving high school.

Table 5.3-1

Number of Postsecondary Schools Reported by  
Members of the HS&B 1980 Senior Cohort

<u>Number of Schools</u>	<u>Number of Cases</u>	<u>Percent</u>
One	4,606	62.0 %
Two	2,226	29.9 %
Three or more	602	8.1 %
Total*	7,434	100.0 %

\*NOTE: An additional 342 cases who reported attending a single school were defined as ineligible and are excluded from this table.

#### 5.4 Sample Weights

The general purpose of the HS&B weighting scheme is threefold: to provide necessary data for expanding the sample of students for the estimation of population totals, to compensate for unequal probabilities of selection (retention) for the follow-up surveys, and to adjust for the fact that not all individuals eligible for inclusion in the surveys or related studies actually participated.

HS&B weights are based upon the inverse of the probabilities of selection through all stages of the sampling process and upon non-response adjustment factors computed within weighting cells. A raw weight, based only upon the initial selection probability and unadjusted for nonresponse in any of the surveys, was also calculated and is included on all data files. The raw weight provides the basis for analysts to construct additional weights, adjusted for the presence of virtually any combination of data elements. The most recently released public use dataset, for the 1980 senior cohort second follow-up survey, includes questionnaire data from the base year and the first two follow-ups, and also the base year test data. Several different weights have been calculated for that file to permit projections to the population of approximately 3,040,000 1980 high school seniors.

The follow-up weighting procedures consisted of two basic steps:

- Step 1. Calculation of a preliminary follow-up weight based on the inverse of the product of the probabilities of selection for the base year sample and retention in the follow-up subsample. This new raw weight is simply the base year raw weight adjusted for the probability of retention in the follow-up surveys.
- Step 2. Adjustment of this preliminary weight to compensate for "unit" nonresponse, that is, for non-completion of an entire questionnaire or test, or some combination of documents or surveys. (The exception is the raw weight, RAWWT, which is, by definition, unadjusted for nonresponse.)

These steps and the resulting weights are described in more detail in the data file user's manual for the second follow-up of the HS&B 1980 senior cohort, available from the Center for Statistics. As described in detail below, a similar process has been employed for the Postsecondary Transcripts data file.

The Postsecondary Education Transcript Study did not introduce any additional subsampling beyond that carried out for the first follow-up survey. Thus, it was not necessary to calculate a new preliminary weight for the transcript study as described in Step 1 above. Instead the raw weight constructed at the time of the first follow-up was used as the initial weight.

Two variants of Step 2 (nonresponse adjustment) were carried out to create two sampling weights for the analysis of transcript data. Note that these procedures were completed only for the 7,434 cases defined as in-scope and ignores the 342 cases defined as ineligible. The first is a simple adjustment for nonresponse to the transcript study itself, in which "response" is defined as an eligible case having one or more coded transcript records in the data file, and "nonresponse" is described as an eligible case for whom no transcripts were collected and processed. The second adjustment accounts for multiple instances of nonresponse: "response" is defined as an eligible case having at least one coded transcript in the file and having questionnaire data from all three HS&B survey waves, and "nonresponse" is defined as either having no transcripts in the data file or having failed to participate in one or more of the three HS&B survey waves (base year through second follow-up).

Data file users should note that this approach to weighting is consistent with that used for the longitudinal questionnaire data files in that the individual sample member, rather than the transcript record (instance of school attendance), is treated as the primary unit of analysis. That is, the weights provided are properties of the 7,434 eligible cases who have varying numbers of postsecondary transcript, term and course records attached to them. In particular, the weights are not meant to be applied to individual transcripts, but rather to all of the data associated with a single individual.

Data users should also bear in mind that the definition of "completed case" described above considers a case complete if at least one transcript is included in the data file. Since 90 percent of all in-scope transcript requests were received and processed, nearly all cases defined as "completes" will have transcripts in the file for all schools they reported attending. However, a small percentage of cases will have incomplete records because one or more of the schools they attended did not return records. In all, 1,040 transcripts requested (and assumed to be in-scope) were not received. This situation is mitigated by the fact that 1,481 cases who attended multiple schools have transfer credits on their transcripts for courses taken at other schools. Thus, most of the individuals with a transcript missing from their records have at least some data indicating their educational activities at prior schools.

Transcript study nonresponse adjustments were computed as ratio adjustments within thirty separate weighting classes. First, the 7,434 eligible cases were assigned to one of 24 homogeneous weighting classes based upon type of high school attended, sex, and race/ethnicity (a subset of the classifications established for adjustments to longitudinal survey weights). Then, because the single greatest determinant of "response" to the transcript study was attendance only at one or more non-public vocational or proprietary schools (see Tables 2.3-1 and 2.3-2 in Chapter 2 above), each of these cells was further subdivided, with students attending only proprietary schools in one partition, and all others (who attended at least one non-proprietary school) in the remaining partition. The smallest of the resulting 48 weighting classes (those with fewer than 20 "completed" cases) were then pooled with adjacent cells having similar "completion" rates. This step produced 30 final weighting classes for the adjustment calculations.

Within each weighting class, the ratio adjustment was produced by dividing the sum of weights for eligible cases by the sum of weights for "completed" cases. The final weights in the data files are the product of the raw weight for a "completed" case and the nonresponse adjustment factor for the weighting class to which that case belongs. The sum of adjusted weights for the "completes" in each of the 30 weighting classes is thus constrained to equal the sum of weights for the "eligible" cases in that class. Tables 5.4-1 and 5.4-2 present the results of these calculations for both of the transcript weight adjustments described above.

In general, the nonresponse adjustments are very small, owing to the high individual-level completion rate (nearly 94 percent of the sample have at least one transcript in the file). For those who attended at least one non-vocational school, the adjustments in Table 5.4-1 range from 1.00 for Black males who had attended a public high school with high (greater than 30 percent) Hispanic enrollment, up to 1.12 for Hispanic males who had attended Catholic high schools. On average, adjustments for those attending only non-public vocational or proprietary schools are significantly higher, ranging from 1.16 for students who attended public high schools with high Hispanic concentrations, to 1.79 for Hispanic females who had attended regular public schools. It should be borne in mind that the higher adjustments for

the cases who attended only vocational schools affect only about 350 cases or about 5 percent of the 6,947 cases who have one or more transcripts in the data file.

Although the nonresponse adjustment factors are generally higher in Table 5.4-2 (about 86 percent of the entire transcript study sample have at least one transcript in the file and participated in all three survey waves, compared to 94 percent who meet the definition for "respondent" in Table 5.4-1), the pattern of the results are similar to the preceding table. Overall, the adjustments for those attending at least one non-vocational school are relatively small. The highest adjustments were calculated for the Black and Hispanic females who attended regular public high schools and reported attending only a proprietary postsecondary school. However, these somewhat larger adjustment factors are applied to only a very small fraction of the sample (approximately 60 cases).

Table 5.4-1

**Nonresponse Adjustments to Sampling Weights  
for Completed Cases in the HS&B Senior Cohort  
Postsecondary Education Transcript Study (WT1)**

(Completes defined as having at least one coded transcript  
in the Public Release Data Files)

**Weighting Classes**

	Vocational Postsecondary Only	Type of Secondary School	Sex	Race	Sum of Weights: Eligibles	Sum of Weights: Completes	Nonresponse Adjustment
1	No	Reg Public	M	Hisp	37,627	33,640	1.1185
2	No	Reg Public	M	Black	65,061	60,436	1.0765
3	No	Reg Public	M	Other	565,683	541,430	1.0448
4	No	Reg Public	F	Hisp	40,462	38,415	1.0533
5	No	Reg Public	F	Black	92,415	84,270	1.0967
6	No	Reg Public	F	Other	621,743	592,810	1.0488
7	No	Hisp Public	M	Hisp	10,894	10,332	1.0544
8	No	Hisp Public	M	Black	1,241	1,241	1.0000
9	No	Hisp Public	M	Other	6,669	6,061	1.1003
10	No	Hisp Public	F	Hisp	14,061	13,415	1.0482
11	No	Hisp Public	F	Black	2,564	2,345	1.0934
12	No	Hisp Public	F	Other	7,623	7,552	1.0094
13	No	Catholic	M	Hisp	6,626	5,908	1.1215
14	No	Catholic	M	Black	3,152	2,851	1.1056
15	No	Catholic	M	Other	62,077	59,862	1.0370
16	No	Catholic	F	Hisp	6,158	5,661	1.0878
17	No	Catholic	F	Black	5,177	5,047	1.0258
18	No	Catholic	F	Other	72,766	69,482	1.0473
19	No	Oth Private	M&F	Hisp	2,838	2,713	1.0461
20	No	Oth Private	M&F	Black	1,903	1,817	1.0473
21	No	Oth Private	M	Other	32,481	31,908	1.0180
22	No	Oth Private	F	Other	40,447	39,491	1.0242
23	Yes	Reg Public	M	Hisp	5,162	3,617	1.4271
24	Yes	Reg Public	M	Black	2,906	2,241	1.2967
25	Yes	Reg Public	M	Other	22,987	18,744	1.2264
26	Yes	Reg Public	F	Hisp	4,026	2,255	1.7854
27	Yes	Reg Public	F	Black	8,390	5,306	1.5812
28	Yes	Reg Public	F	Other	43,710	33,315	1.3120
29	Yes	Hisp Public	M&F	All	2,119	1,832	1.1567
30	Yes	All Private	M&F	All	6,675	5,051	1.3215

Total

1,795,643 1,689,048

Table 5.4-2

**Nonresponse Adjustments to Sampling Weights  
for Completed Cases in the HS&B Senior Cohort  
Postsecondary Education Transcript Study (WT2)**

(Completes are defined as having at least one coded transcript  
AND questionnaire data from base year through second follow-up surveys  
in the Public Release Data Files)

**Weighting Classes**

	Vocational/ Postsecondary Only	Type of Secondary School	Sex	Race	Sum of Weights: Eligibles	Sum of Weights: Completes	Nonresponse Adjustment
1	No	Reg Public	M	Hisp	37,627	30,774	1.2227
2	No	Reg Public	M	Black	65,061	49,432	1.3162
3	No	Reg Public	M	Other	565,683	445,519	1.2697
4	No	Reg Public	F	Hisp	40,462	33,370	1.2125
5	No	Reg Public	F	Black	92,415	70,560	1.3097
6	No	Reg Public	F	Other	621,743	516,139	1.2046
7	No	Hisp Public	M	Hisp	10,894	8,876	1.2274
8	No	Hisp Public	M	Black	1,241	1,126	1.1021
9	No	Hisp Public	M	Other	6,669	6,002	1.1111
10	No	Hisp Public	F	Hisp	14,061	12,122	1.1600
11	No	Hisp Public	F	Black	2,564	2,262	1.1335
12	No	Hisp Public	F	Other	7,623	6,346	1.2012
13	No	Catholic	M	Hisp	6,626	5,442	1.2176
14	No	Catholic	M	Black	3,152	2,279	1.3831
15	No	Catholic	M	Other	62,077	46,080	1.3472
16	No	Catholic	F	Hisp	6,158	5,437	1.1326
17	No	Catholic	F	Black	5,177	3,965	1.3057
18	No	Catholic	F	Other	72,766	60,499	1.2028
19	No	Oth Private	M&F	Hisp	2,838	2,201	1.2894
20	No	Oth Private	M&F	Black	1,903	1,813	1.0496
21	No	Oth Private	M	Other	32,481	24,978	1.3004
22	No	Oth Private	F	Other	40,447	29,823	1.3562
23	Yes	Reg Public	M	Hisp	5,162	3,507	1.4719
24	Yes	Reg Public	M	Black	2,906	2,152	1.3504
25	Yes	Reg Public	M	Other	22,987	17,009	1.3515
26	Yes	Reg Public	F	Hisp	4,026	2,121	1.8982
27	Yes	Reg Public	F	Black	8,390	4,318	1.930
28	Yes	Reg Public	F	Other	43,710	29,211	1.4964
29	Yes	Hisp Public	M&F	All	2,119	1,832	1.1567
30	Yes	All Private	M&F	All	6,675	4,911	1.3592

Total

1,795,643 1,430,106



The statistical properties of the final weights are displayed in Table 5.4-3. The table shows the mean, sum, variance, standard deviation, coefficient of variation, minimum, maximum, skewness, kurtosis, and number of unweighted cases for the raw weight and each of the adjusted weights calculated for the senior cohort transcript data files. Each of the three weights is constrained to expand the sample to a population of 1,795,643 postsecondary attenders in the 1980 senior cohort. The procedures described above also ensure that the sums of weights for subpopulations defined by the weighting classes remain constant across the three weights.

Table 5.4-3

**High School and Beyond Senior Cohort  
Postsecondary Education Transcripts Study  
Statistical Properties of Sample Case Weights\***

Weight	RAWWT	WT1	WT2
Mean	242	258	281
Sum	1,795,643	1,795,643	1,795,643
Variance	65,075	72,898	83,359
Standard Deviation	255	270	289
Coefficient of Variation	106	104	103
Minimum	1	1	1
Maximum	1,081	1,428	1,129
Skewness	1.05	1.04	0.94
Kurtosis	-0.3	-0.3	-0.9
Number of Cases	7,434	6,947	6,391

\*NOTE: All entries except skewness and kurtosis have been rounded to the nearest whole number.

## 5.5 Standard Errors and Design Effects

Statistical estimates based upon High School and Beyond data are subject to sampling variability. Sampling errors arise because data are collected from only a portion of the members of a population of interest. The HS&B senior cohort sample is only one representation of a large number of samples of similar size that might have been drawn. Sampling errors are directly related to the underlying ("true") variability of the property being measured, and are inversely related to the number of observations contributing to the statistical estimates.

Because the sample design for the HS&B cohorts involved stratification, disproportionate sampling from certain strata, and clustered (i.e., multi-stage) probability sampling, the calculation of exact

standard errors for survey estimates can be difficult and expensive. Popular statistical analysis packages such as SPSS (Statistical Programs for the Social Sciences) or SAS (Statistical Analysis System) normally calculate standard errors using the assumption that the data being analyzed were collected from simple random samples. As described in detail in the High School and Beyond sample design report for each survey wave, the HS&B sample design is, on balance, somewhat less efficient than simple random samples of equal size. Thus, sampling errors generated by SPSS and SAS will normally underestimate significantly the sampling variability of statistical estimates such as population means, percentages and more complex statistics such as correlation and regression coefficients.

Several procedures are available for calculating precise estimates of sampling error for complex samples. Procedures such as Taylor series approximations, Balanced Repeated Replication (BRR) and Jackknife Repeated Replication (JRR) vary somewhat in computational convenience and cost, and in their ability to account for several sources of sampling variability, most notably clustered selection of sample cases.

After each survey wave since the base year, sampling variances have been calculated for about thirty estimated proportions or means for the whole sample and for several subgroups (domains), and have been reported in the data file user's manuals for each public release tape. In general, these calculations have been carried out using BRR. However, comparisons of variance estimates provided by Taylor series and BRR carried out at the time of the HS&B first follow-up survey showed little difference in the resulting error estimates for such statistics as means, proportions, and Pearson correlation coefficients.

In addition to standard errors, the design effect for each estimate (DEFF) and the square root of each design effect (DEFT) were calculated and reported. The design effect is a measure of the efficiency of the sample estimate relative to a simple random sample of equal size. It is defined as the ratio of the actual variance of an estimate (i.e., the square of the standard error) to the variance of the same estimate from a simple random sample with the same number of cases. For proportions, the simple random sample variance is just

$$\text{VAR(SRS)} = p(1 - p)/n \quad (1)$$

in which

$p$  = the estimated proportion

and

$n$  = the number of cases with non-missing data

Like almost all national samples, the High School and Beyond sample is not a simple random sample. The High School and Beyond sample departs from the model of simple random sampling in three major respects: the observations are clustered at the school level; major groups (such as students who attend private schools) are deliberately represented disproportionately; and the sample is stratified by type of school. Each of these departures from simple random sampling has a predictable effect on efficiency, which is reflected in the design effect.

Separate sampling errors and design effects have not been calculated for the postsecondary transcript data. The calculations of sampling errors and design effects performed for the High School and Beyond 1980 Senior Cohort Second Follow-Up (1984) Data File Users Manual have been reproduced and included as Appendix G to this manual.

In addition, Table 5.5-1 below presents selected distributional statistics for the DEFF and DEFT factors (for the same thirty second follow-up items contained in Table G-4 in Appendix G) for the total population and for nine selected domains. These tables and those in the appendix, as well as several informal analyses carried out at NORC and at CS, generally confirm that, with minor exceptions noted, the design effects have remained reasonably constant across survey waves and population domains, and show relatively small variability across survey items within waves and domains.

The mean design effects given in Table 5.5-1 can be used to calculate approximate standard errors for estimates based upon transcript data. For example, the standard error of a proportion can be estimated using the square root of the expression in (1) (above) times the mean root design effect (DEFT):

$$SE = DEFT (p[1-p]/n)^{1/2} \quad (2)$$

With the exception of Hispanics, the DEFTs in Table 5.5-1 for subgroups are generally ten percent smaller than that for the total population. The relative efficiency of the Hispanic subsample continues to be affected by the somewhat larger follow-up cluster sizes for Hispanic sample members in specific schools and relatively few geographical areas, and higher variability in sample weights because some Hispanics (those in so-called "Hispanic schools") were sampled at very high rates while others (in regular public schools) were sampled at rates closer to majority whites. Furthermore, the variability of the DEFTs for Hispanics is over twice that observed for most other subgroups. Thus, for analysis of data from Hispanics, the use of a single generalized design effect to inflate simple random sample estimates of sampling errors must be considered subject to greater uncertainty. Nevertheless, the differences between Hispanics and other groups remain generally small. Researchers who use design effect factors to estimate standard errors for Hispanic sample data and who prefer to be statistically conservative may wish to choose a design effect slightly larger than the mean of 1.89 in Table 5.5-1.

Table 5.5-1

**Distributional Statistics for Design Effects and Root  
Design Effects for 30 Second Follow-up Survey Measures for Ten Domains**

Subsample		DEFF	DEFT
Total Population:	Mean	2.87	1.68
	Minimum	1.36	1.17
	Maximum	4.27	2.87
	Standard Deviation	0.78	0.24
Hispanics:	Mean	3.72	1.89
	Minimum	0.50	0.71
	Maximum	5.69	2.39
	Standard Deviation	1.27	0.38
Blacks:	Mean	2.26	1.48
	Minimum	0.91	0.96
	Maximum	3.30	1.82
	Standard Deviation	0.72	0.25
Whites & others:	Mean	2.89	1.43
	Minimum	1.19	1.09
	Maximum	2.99	1.73
	Standard Deviation	0.55	0.19
Bottom SES:	Mean	2.28	1.50
	Minimum	1.31	1.15
	Maximum	3.33	1.82
	Standard Deviation	0.50	0.17
Middle SES:	Mean	1.81	1.34
	Minimum	1.26	1.12
	Maximum	2.98	1.73
	Standard Deviation	0.43	0.15
Highest SES:	Mean	1.93	1.58
	Minimum	1.23	1.11
	Maximum	2.92	1.71
	Standard Deviation	0.46	0.16
No PSE Attendance:	Mean	2.89	1.44
	Minimum	1.46	1.21
	Maximum	2.86	1.69
	Standard Deviation	0.36	0.13
Continuous PSE Attendance:	Mean	2.34	1.52
	Minimum	1.64	1.28
	Maximum	4.99	2.23
	Standard Deviation	0.67	0.20
Non-continuous PSE Attendance:	Mean	2.37	1.52
	Minimum	1.23	1.11
	Maximum	4.78	2.17
	Standard Deviation	0.72	0.23

## NOTES TO CHAPTER 5

<sup>1</sup>For further details on the base year sample design see Martin R. Frankel, Luane Kohnke, David Buonanno, and Roger Tourangeau, Sample Design Report (Chicago: NORC, 1981).

<sup>2</sup>The sampling frame, defined as the universe of high schools in the United States, was obtained from the 1978 list of U.S. elementary and secondary schools of the Curriculum Information Center, a private firm. This was supplemented by the CS lists of public and private elementary and secondary schools. Any school listed in any of these files that contained a tenth grade, a twelfth grade, or both was made part of the frame.

<sup>3</sup>Apart from substitution for schools that refused, there were a number of schools in the originally-drawn sample that were "out-of-scope," that is, they failed to fit the criteria for inclusion in the sample. The sample was then augmented through selection of an additional school for each out-of-scope school, within major strata. Most of the out-of-scope schools were area vocational schools having no enrollment of their own, although they were listed in the frame as having enrollments.

**HIGH SCHOOL AND BEYOND  
POSTSECONDARY EDUCATION TRANSCRIPT STUDY**

**CODEBOOK**

\*\*\*\*\*  
 Student Level Report  
 \*\*\*\*\*

\*\*\*\*\*  
 Question RSTYPE  
 \*\*\*\*\*

Type Pos: 1  
 Format: 11

RSTYPE: = RECORD TYPE INDICATOR

Record Type Indicator

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
Student.....	1	7776	100.0%	100.0%
TOTALS:		7776	100.0%	100.0%

\*\*\*\*\*  
 Question STUID  
 \*\*\*\*\*

Type Pos: 2-7  
 Format: 10

STUID = STUDENT IDENTIFICATION NO.

Student Identification Number

\*\*\*\*\*  
 Question RSTRANS  
 \*\*\*\*\*

Type Pos: 8  
 Format: 11

RSTRANS = NO. OF TRANSCRIPTS REQUESTED

Number of transcripts requested

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
0		4949	63.6%	63.6%
1		2229	28.6%	28.6%
2		597	7.6%	7.6%
3		99	1.2%	1.2%
4		1	.0%	.0%
TOTALS:		7776	100.0%	100.0%

\*\*\*\*\*  
 Question RSTRANS  
 \*\*\*\*\*

Type Pos: 9  
 Format: 11

RSTRANS = NO. OF TRANSCRIPTS RECEIVED

Number of transcripts received

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
0		629	8.1%	10.7%
1		4447	57.1%	63.6%
2		1716	22.1%	23.1%
3		310	4.0%	4.0%
4		34	.4%	.4%
TOTALS:		7776	100.0%	100.0%

\*\*\*\*\*  
 Question TRANSFER  
 \*\*\*\*\*

Type Pos: 10  
 Format: 11

TRANSFER = TRANSFER COURSES FLAG

Flag to indicate transfer courses for this student

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
No.....	0	5406	70.3%	76.7%
Yes.....	1	1481	19.0%	21.3%
Missing.....	9	889	10.7%	MISS
TOTALS:		7776	100.0%	100.0%

\*\*\*\*\*  
 Question RCRED01  
 \*\*\*\*\*

Type Pos: 11-13  
 Format: 13

RCRED01 = AGRIBUSINESS

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
1 - 63 CREDITS.....		139	1.8%	2.0%
ZERO CREDITS.....	0	6806	87.6%	98.0%
RESERVED CODES:				
MISSING.....	999	831	10.7%	MISS
TOTALS:		7776	100.0%	100.0%

\*\*\*\*\*  
 Question RCRED02  
 \*\*\*\*\*

Type Pos: 14-16  
 Format: 13

RCRED02 = AGRICULTURAL SCIENCE

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
1 - 63 CREDITS.....		199	2.6%	2.7%
ZERO CREDITS.....	0	6753	87.0%	97.0%
RESERVED CODES:				
MISSING.....	999	824	10.7%	MISS
TOTALS:		7776	100.0%	100.0%

\*\*\*\*\*  
 Question RCRED03  
 \*\*\*\*\*

Type Pos: 17-19  
 Format: 13

RCRED03 = FOREST PRESERVES

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
1 - 63 CREDITS.....		106	1.4%	1.5%
ZERO CREDITS.....	0	6841	88.0%	98.5%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7776	100.0%	100.0%



## Question ACRED04

Tape Pos. 20-22  
Format: 13

## ACRED04 • ENVI. DESIGN

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 88 CREDITS.....		158	2.0%	2.3%
ZERO CREDITS.....	0	8789	87.3%	97.7%
RESERVED CODES:				
MISSING.....	999	828	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question ACRED08

Tape Pos. 32-34  
Format: 13

## ACRED08 • GENERAL MARKETING

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 88 CREDITS.....		758	10.3%	11.9%
ZERO CREDITS.....	0	8149	78.1%	88.6%
RESERVED CODES:				
MISSING.....	999	828	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question ACRED05

Tape Pos. 23-25  
Format: 13

## ACRED05 • AREA STUDIES

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 48 CREDITS.....		813	7.9%	8.2%
ZERO CREDITS.....	0	8334	81.8%	91.2%
RESERVED CODES:				
MISSING.....	999	828	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question ACRED09

Tape Pos. 35-37  
Format: 13

## ACRED09 • COMMUNICATIONS

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 70 CREDITS.....		1782	22.8%	28.2%
ZERO CREDITS.....	0	8188	86.8%	74.6%
RESERVED CODES:				
MISSING.....	999	828	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question ACRED06

Tape Pos. 28-30  
Format: 13

## ACRED06 • BUSINESS, MANAGEMENT

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 88 CREDITS.....		2473	31.8%	38.0%
ZERO CREDITS.....	0	4474	57.8%	64.4%
RESERVED CODES:				
MISSING.....	999	828	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question ACRED10

Tape Pos. 38-40  
Format: 13

## ACRED10 • TECHNICAL MEDIA

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 28 CREDITS.....		109	1.4%	1.8%
ZERO CREDITS.....	0	8638	87.9%	88.4%
RESERVED CODES:				
MISSING.....	999	828	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question ACRED07

Tape Pos. 39-41  
Format: 13

## ACRED07 • BUSINESS, CLERICAL

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 72 CREDITS.....		1190	18.3%	17.1%
ZERO CREDITS.....	0	8787	74.0%	82.9%
RESERVED CODES:				
MISSING.....	999	828	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question ACRED11

Tape Pos. 41-43  
Format: 13

## ACRED11 • COMPUTER SCIENCES

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 88 CREDITS.....		1874	28.4%	28.4%
ZERO CREDITS.....	0	4873	64.0%	71.8%
RESERVED CODES:				
MISSING.....	999	828	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED12

Tape Pos. 44-46  
Format: 13

## RCRED12 = CONSUMER SERVICES

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 50 CREDITS.....	0	33	.4%	8%
ZERO CREDITS.....	0	6914	88.8%	89.8%
RESERVED CODES:				
MISSING.....	999	828	10.7%	MISS
TOTALS:		7776	100.0%	100.0%

## Question RCRED16

Tape Pos. 86-88  
Format: 13

## RCRED16 = FOREIGN LANGUAGES

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 105 CREDITS.....	0	1703	21.9%	24.8%
ZERO CREDITS.....	0	6244	87.4%	75.8%
RESERVED CODES:				
MISSING.....	999	828	10.7%	MISS
TOTALS:		7776	100.0%	100.0%

## Question RCRED13

Tape Pos. 47-49  
Format: 13

## RCRED13 = EDUCATION

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 85 CREDITS.....	0	1084	13.7%	18.3%
ZERO CREDITS.....	0	6693	78.7%	84.7%
RESERVED CODES:				
MISSING.....	999	828	10.7%	MISS
TOTALS:		7776	100.0%	100.0%

## Question RCRED17

Tape Pos. 89-91  
Format: 13

## RCRED17 = ALLIED HEALTH

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 101 CREDITS.....	0	446	5.7%	8.4%
ZERO CREDITS.....	0	6901	83.6%	93.8%
RESERVED CODES:				
MISSING.....	999	828	10.7%	MISS
TOTALS:		7776	100.0%	100.0%

## Question RCRED14

Tape Pos. 50-52  
Format: 13

## RCRED14 = ENGINEERING

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 144 CREDITS.....	0	847	7.3%	8.2%
ZERO CREDITS.....	0	6360	82.0%	91.8%
RESERVED CODES:				
MISSING.....	999	828	10.7%	MISS
TOTALS:		7776	100.0%	100.0%

## Question RCRED18

Tape Pos. 62-64  
Format: 13

## RCRED18 = HEALTH SCIENCE

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 118 CREDITS.....	0	884	7.8%	8.4%
ZERO CREDITS.....	0	6363	81.8%	91.6%
RESERVED CODES:				
MISSING.....	999	828	10.7%	MISS
TOTALS:		7776	100.0%	100.0%

## Question RCRED15

Tape Pos. 53-55  
Format: 13

## RCRED15 = ENGINEERING TECH

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 96 CREDITS.....	0	489	6.3%	7.0%
ZERO CREDITS.....	0	6463	83.1%	93.0%
RESERVED CODES:				
MISSING.....	999	828	10.7%	MISS
TOTALS:		7776	100.0%	100.0%

## Question RCRED19

Tape Pos. 85-87  
Format: 13

## RCRED19 = HOME ECONOMICS

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 98 CREDITS.....	0	1033	13.3%	14.8%
ZERO CREDITS.....	0	6914	78.1%	88.1%
RESERVED CODES:				
MISSING.....	999	828	10.7%	MISS
TOTALS:		7776	100.0%	100.0%

## Question RCRED20

Tape Pos. 60-70  
Format: 13

RCRED20 = VOC. HOME ECON.

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 02 CREDITS.....		702	9.0%	10.1%
ZERO CREDITS.....	0	6248	80.3%	89.9%
RESERVED CODES:				
MISSING.....	999	628	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED21

Tape Pos. 71-73  
Format: 13

RCRED21 = INDUSTRIAL ARTS

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 07 CREDITS.....		201	2.6%	2.6%
ZERO CREDITS.....	0	8748	88.8%	87.1%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED22

Tape Pos. 74-76  
Format: 13

RCRED22 = LEGAL PROFESSIONS

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 09 CREDITS.....		1300	16.7%	18.7%
ZERO CREDITS.....	0	6647	73.8%	81.3%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED23

Tape Pos. 77-79  
Format: 13

RCRED23 = LETTERS

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 05 CREDITS.....		8174	88.8%	74.8%
ZERO CREDITS.....	0	1773	22.8%	28.8%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED24

Tape Pos. 80-82  
Format: 13

RCRED24 = LIBERAL ARTS

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 18 CREDITS.....		104	1.3%	1.8%
ZERO CREDITS.....	0	6843	68.0%	88.8%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED25

Tape Pos. 83-86  
Format: 13

RCRED25 = LIBRARY SCIENCES

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 16 CREDITS.....		118	1.5%	1.7%
ZERO CREDITS.....	0	6826	67.8%	88.3%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED26

Tape Pos. 86-88  
Format: 13

RCRED26 = LIFE SCIENCES

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 04 CREDITS.....		2863	32.8%	38.7%
ZERO CREDITS.....	0	4384	56.5%	63.3%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED27

Tape Pos. 88-91  
Format: 13

RCRED27 = MATHEMATICS

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 02 CREDITS.....		4388	56.6%	83.3%
ZERO CREDITS.....	0	2849	32.8%	38.7%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED28

Tape Pos. 82-84  
Format: 13

## RCRED28 • MILITARY SCIENCE

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 34 CREDITS.....		212	2.7%	3.1%
ZERO CREDITS.....	0	8738	88.6%	96.9%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED32

Tape Pos. 104-106  
Format: 13

## RCRED32 • BASIC SKILLS

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 30 CREDITS.....		1888	20.8%	23.0%
ZERO CREDITS.....	0	8348	88.8%	77.0%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED29

Tape Pos. 95-97  
Format: 13

## RCRED29 • MILITARY TECHNOLOGY

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 09 CREDITS.....		18	.2%	.3%
ZERO CREDITS.....	0	8932	89.1%	99.8%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED33

Tape Pos. 107-109  
Format: 13

## RCRED33 • CIVICS ACTIVITIES

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 03 CREDITS.....		4	.1%	.1%
ZERO CREDITS.....	0	8843	89.3%	99.9%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED30

Tape Pos. 98-100  
Format: 13

## RCRED30 • INTERDISC. STUDIES

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 40 CREDITS.....		1362	17.8%	19.8%
ZERO CREDITS.....	0	8888	71.8%	80.4%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED34

Tape Pos. 110-112  
Format: 13

## RCRED34 • HEALTH RELATED ACT.

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 15 CREDITS.....		864	12.4%	13.9%
ZERO CREDITS.....	0	8883	78.8%	88.1%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED31

Tape Pos. 101-103  
Format: 13

## RCRED31 • PARKS &amp; RECREATION

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 44 CREDITS.....		78	1.0%	1.1%
ZERO CREDITS.....	0	8871	88.4%	98.9%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED35

Tape Pos. 113-115  
Format: 13

## RCRED35 • INTERPERSONAL SKILLS

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 13 CREDITS.....		227	2.9%	3.3%
ZERO CREDITS.....	0	8720	88.4%	96.7%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED38

Tape Pos. 118-119  
Format: 13

## RCRED38 = LEISURE SERVICES

Count of regular non-transfer credits earned in MEGIS schools, calculated by summing on first two digits of CIP code

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 55 CREDITS.....		3199	40.8%	48.8%
ZERO CREDITS.....	0	3769	48.7%	84.8%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED37

Tape Pos. 119-121  
Format: 13

## RCRED37 = PERSONAL AWARENESS

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 09 CREDITS.....		123	1.6%	1.8%
ZERO CREDITS.....	0	6824	87.8%	98.2%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED36

Tape Pos. 122-124  
Format: 13

## RCRED36 = PHILOSOPHY-RELIGION

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 55 CREDITS.....		1897	24.4%	27.3%
ZERO CREDITS.....	0	5050	64.8%	72.7%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED39

Tape Pos. 125-127  
Format: 13

## RCRED39 = THEOLOGY

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 55 CREDITS.....		480	6.2%	6.9%
ZERO CREDITS.....	0	6487	83.3%	93.1%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED40

Tape Pos. 128-130  
Format: 13

## RCRED40 = PHYSICAL SCIENCES

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 55 CREDITS.....		3006	38.7%	43.3%
ZERO CREDITS.....	0	3841	50.7%	86.7%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED41

Tape Pos. 131-133  
Format: 13

## RCRED41 = SCIENCE TECHNOLOGY

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 19 CREDITS.....		29	.4%	.4%
ZERO CREDITS.....	0	6916	89.0%	99.6%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED42

Tape Pos. 134-136  
Format: 13

## RCRED42 = PSYCHOLOGY

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 131 CREDITS.....		3830	48.7%	52.3%
ZERO CREDITS.....	0	3317	42.7%	47.7%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED43

Tape Pos. 137-138  
Format: 13

## RCRED43 = PROTECTIVE SERVICES

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 55 CREDITS.....		387	5.0%	5.4%
ZERO CREDITS.....	0	6860	88.4%	94.4%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED44

Tape Pos. 140-142  
Format: 13

## RCRED44 = PUBLIC AFFAIRS

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 = 82 CREDITS.....		291	3.7%	4.2%
ZERO CREDITS.....	0	8886	88.8%	88.8%
RESERVED CODES:				
MISSING.....	999	828	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED45

Tape Pos. 152-154  
Format: 13

## RCRED45 = PRECISION SCIENCES

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 = 86 CREDITS.....		353	4.6%	5.1%
ZERO CREDITS.....	0	8684	84.8%	84.8%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED46

Tape Pos. 143-145  
Format: 13

## RCRED46 = SOCIAL SCIENCES

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 = 106 CREDITS.....		4886	62.0%	70.8%
ZERO CREDITS.....	0	2046	26.3%	28.6%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED48

Tape Pos. 185-187  
Format: 13

## RCRED48 = MATERIAL TRANSPORT

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 = 70 CREDITS.....		88	.8%	.9%
ZERO CREDITS.....	0	8882	88.8%	88.1%
RESERVED CODES:				
MISSING.....	999	828	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED49

Tape Pos. 148-149  
Format: 13

## RCRED49 = CONSTRUCTION TECH.

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 = 38 CREDITS.....		33	.4%	.6%
ZERO CREDITS.....	0	8914	88.8%	99.8%
RESERVED CODES:				
MISSING.....	999	828	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED50

Tape Pos. 188-190  
Format: 13

## RCRED50 = VISUAL-PERFORM. ARTS

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 = 187 CREDITS.....		3139	40.4%	48.2%
ZERO CREDITS.....	0	3808	48.0%	54.8%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED47

Tape Pos. 149-151  
Format: 13

## RCRED47 = MECHANICAL REPAIRS

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 = 106 CREDITS.....		143	1.8%	2.1%
ZERO CREDITS.....	0	8904	87.8%	97.9%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RCRED99

Tape Pos. 181-183  
Format: 13

## RCRED99 = MISSING

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 = 30 CREDITS.....		488	6.3%	7.0%
ZERO CREDITS.....	0	8489	83.1%	83.0%
RESERVED CODES:				
MISSING.....	999	829	10.7%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED01

Tape Pos. 184-188  
Format: 13

## TCRED01 • AGRIBUSINESS

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 38 CREDITS.....		8	.1%	.3%
ZERO CREDITS.....	0	1477	18.0%	99.7%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED02

Tape Pos. 187-188  
Format: 13

## TCRED02 • AGRICULTURAL SCIENCES

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 11 CREDITS.....		8	.1%	.4%
ZERO CREDITS.....	0	1478	18.0%	99.6%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED03

Tape Pos. 170-172  
Format: 13

## TCRED03 • FOREST PRESERVES

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 24 CREDITS.....		2	.0%	.1%
ZERO CREDITS.....	0	1478	18.0%	99.9%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED04

Tape Pos. 173-178  
Format: 13

## TCRED04 • ENV. DESIGN

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 18 CREDITS.....		8	.1%	.3%
ZERO CREDITS.....	0	1478	18.0%	99.7%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED05

Tape Pos. 178-178  
Format: 13

## TCRED05 • ANSA STUDIES

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 08 CREDITS.....		11	.1%	.7%
ZERO CREDITS.....	0	1470	18.2%	99.3%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED06

Tape Pos. 179-181  
Format: 13

## TCRED06 • BUSINESS, MANAGEMENT

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 30 CREDITS.....		108	1.4%	7.3%
ZERO CREDITS.....	0	1373	17.7%	92.7%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED07

Tape Pos. 182-184  
Format: 13

## TCRED07 • BUSINESS, CLERICAL

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 47 CREDITS.....		22	.3%	1.5%
ZERO CREDITS.....	0	1488	18.8%	98.5%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED08

Tape Pos. 185-187  
Format: 13

## TCRED08 • GENERAL MARKETING

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 10 CREDITS.....		20	.3%	1.4%
ZERO CREDITS.....	0	1481	18.8%	98.6%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%



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Question TCRED09  
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Tape Pos. 188-190  
Format: 13

TCRED09 = COMMUNICATIONS

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
1 - 21 CREDITS.....		64	.8%	4.3%
ZERO CREDITS.....	0	1417	18.2%	98.7%
RESERVED CODES:				
MISSING.....	999	8298	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

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Question TCRED10  
-----

Tape Pos. 191-193  
Format: 13

TCRED10 = TECHNICAL MEDIA

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
1 - 21 CREDITS.....		64	.8%	4.3%
ZERO CREDITS.....	0	1417	18.2%	98.7%
RESERVED CODES:				
MISSING.....	999	8298	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

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Question TCRED11  
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Tape Pos. 194-196  
Format: 13

TCRED11 = COMPUTER SCIENCES

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
1 - 81 CREDITS.....		56	.7%	3.8%
ZERO CREDITS.....	0	1428	18.3%	98.2%
RESERVED CODES:				
MISSING.....	999	8298	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

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Question TCRED12  
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Tape Pos. 197-199  
Format: 13

TCRED12 = CONSUMER SERVICES

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
1 - 33 CREDITS.....		51	1.0%	8.8%
ZERO CREDITS.....	0	1400	18.0%	94.5%
RESERVED CODES:				
MISSING.....	999	8298	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

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Question TCRED13  
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Tape Pos. 200-202  
Format: 13

TCRED13 = EDUCATION

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
1 - 19 CREDITS.....		38	.8%	2.8%
ZERO CREDITS.....	0	1443	18.6%	97.4%
RESERVED CODES:				
MISSING.....	999	8298	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

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Question TCRED14  
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Tape Pos. 203-205  
Format: 13

TCRED14 = ENGINEERING

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
1 - 33 CREDITS.....		23	.3%	1.8%
ZERO CREDITS.....	0	1488	18.8%	98.4%
RESERVED CODES:				
MISSING.....	999	8298	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

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Question TCRED15  
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Tape Pos. 206-208  
Format: 13

TCRED15 = ENGINEERING TECH

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
1 - 04 CREDITS.....		10	.1%	.7%
ZERO CREDITS.....	0	1471	18.9%	98.3%
RESERVED CODES:				
MISSING.....	999	8298	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

-----  
Question TCRED16  
-----

Tape Pos. 209-211  
Format: 13

TCRED16 = FOREIGN LANGUAGES

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
1 - 33 CREDITS.....		51	1.0%	8.8%
ZERO CREDITS.....	0	1400	18.0%	94.5%
RESERVED CODES:				
MISSING.....	999	8298	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED17

Taps Pos. 212-214  
Format: 13

## TCRED17 • ALLIED HEALTH

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 06 CREDITS.....		10	.1%	.7%
ZERO CREDITS.....	0	1471	18.8%	88.3%
RESERVED CODES:				
MISSING.....	999	6288	81.0%	MISS
TOTALS:		7776	100.0%	100.0%

## Question TCRED18

Taps Pos. 215-217  
Format: 13

## TCRED18 • HEALTH SCIENCE

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 34 CREDITS.....		12	.2%	.8%
ZERO CREDITS.....	0	1488	19.0%	89.7%
RESERVED CODES:				
MISSING.....	999	6288	81.0%	MISS
TOTALS:		7776	100.0%	100.0%

## Question TCRED19

Taps Pos. 218-220  
Format: 13

## TCRED19 • HOME ECONOMICS

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 33 CREDITS.....		28	.4%	2.0%
ZERO CREDITS.....	0	1482	18.7%	88.0%
RESERVED CODES:				
MISSING.....	999	6288	81.0%	MISS
TOTALS:		7776	100.0%	100.0%

## Question TCRED20

Taps Pos. 221-223  
Format: 13

## TCRED20 • VOC. HOME ECON.

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 09 CREDITS.....		26	.3%	1.8%
ZERO CREDITS.....	0	1485	18.7%	88.2%
RESERVED CODES:				
MISSING.....	999	6288	81.0%	MISS
TOTALS:		7776	100.0%	100.0%

## Question TCRED21

Taps Pos. 224-226  
Format: 13

## TCRED21 • INDUSTRIAL ARTS

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 03 CREDITS.....		5	.1%	.3%
ZERO CREDITS.....	0	1478	18.0%	88.7%
RESERVED CODES:				
MISSING.....	999	6288	81.0%	MISS
TOTALS:		7776	100.0%	100.0%

## Question TCRED22

Taps Pos. 227-229  
Format: 13

## TCRED22 • LEGAL PROFESSIONS

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 12 CREDITS.....		29	.4%	2.0%
ZERO CREDITS.....	0	1482	18.7%	88.0%
RESERVED CODES:				
MISSING.....	999	6288	81.0%	MISS
TOTALS:		7776	100.0%	100.0%

## Question TCRED23

Taps Pos. 230-232  
Format: 13

## TCRED23 • LETTERS

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 28 CREDITS.....		301	3.9%	20.3%
ZERO CREDITS.....	0	1180	15.3%	78.7%
RESERVED CODES:				
MISSING.....	999	6288	81.0%	MISS
TOTALS:		7776	100.0%	100.0%

## Question TCRED24

Taps Pos. 233-235  
Format: 13

## TCRED24 • LIBERAL ARTS

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 10 CREDITS.....		7	.1%	.3%
ZERO CREDITS.....	0	1478	18.0%	88.5%
RESERVED CODES:				
MISSING.....	999	6288	81.0%	MISS
TOTALS:		7776	100.0%	100.0%

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Question TCRED28  
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Tape Pos. 238-238  
Format: 13

TCRED28 • LIBRARY SCIENCES

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
1 - 02 CREDITS.....		2	.0%	.1%
ZERO CREDITS.....	0	1478	18.0%	88.8%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

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Question TCRED29  
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Tape Pos. 248-248  
Format: 13

TCRED29 • MILITARY TECHNOLOGY

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
ZERO CREDITS.....	0	1491	18.0%	100.0%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

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Question TCRED29  
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Tape Pos. 239-241  
Format: 13

TCRED29 • LIFE SCIENCES

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
1 - 24 CREDITS.....		128	1.6%	8.4%
ZERO CREDITS.....	0	1388	17.4%	81.8%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

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Question TCRED30  
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Tape Pos. 281-283  
Format: 13

TCRED30 • INTERDISC. STUDIES

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
1 - 12 CREDITS.....		82	.7%	3.8%
ZERO CREDITS.....	0	1428	18.4%	88.8%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

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Question TCRED27  
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Tape Pos. 242-244  
Format: 13

TCRED27 • MATHEMATICS

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
1 - 32 CREDITS.....		208	2.7%	14.0%
ZERO CREDITS.....	0	1273	16.4%	86.0%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

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Question TCRED31  
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Tape Pos. 284-288  
Format: 13

TCRED31 • PARKS & RECREATION

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
1 - 08 CREDITS.....		3	.0%	.2%
ZERO CREDITS.....	0	1478	18.0%	88.8%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

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Question TCRED28  
-----

Tape Pos. 248-247  
Format: 13

TCRED28 • MILITARY SCIENCE

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
1 - 03 CREDITS.....		4	.1%	.3%
ZERO CREDITS.....	0	1477	18.0%	88.7%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

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Question TCRED32  
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Tape Pos. 287-288  
Format: 13

TCRED32 • BASIC SKILLS

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
1 - 01 CREDITS.....		80	.6%	3.4%
ZERO CREDITS.....	0	1431	18.4%	86.8%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED33

Tape Pos. 280-282  
Format: 13

## TCRED33 • CIVICS ACTIVITIES

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 05 CREDITS.....	0	1481	18.0%	100.0%
ZERO CREDITS.....				
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED34

Tape Pos. 283-285  
Format: 13

## TCRED34 • HEALTH RELATED ACT.

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 05 CREDITS.....		28	.3%	1.8%
ZERO CREDITS.....	0	1488	18.7%	88.3%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED35

Tape Pos. 288-289  
Format: 13

## TCRED35 • INTERPERSONAL SKILLS

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 04 CREDITS.....		11	.1%	.7%
ZERO CREDITS.....	0	1470	18.8%	88.3%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED38

Tape Pos. 288-291  
Format: 13

## TCRED38 • LEISURE SERVICES

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 18 CREDITS.....		137	1.8%	8.3%
ZERO CREDITS.....	0	1344	17.3%	80.7%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED37

Tape Pos. 272-274  
Format: 13

## TCRED37 • PERSONAL AWARENESS

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 05 CREDITS.....		3	.0%	.2%
ZERO CREDITS.....	0	1478	18.0%	88.8%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED38

Tape Pos. 278-277  
Format: 13

## TCRED38 • PHILOSOPHY-RELIGION

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 18 CREDITS.....		78	1.0%	8.1%
ZERO CREDITS.....	0	1408	18.1%	84.8%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED39

Tape Pos. 278-280  
Format: 13

## TCRED39 • TECHNOLOGY

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 14 CREDITS.....		18	.2%	1.0%
ZERO CREDITS.....	0	1488	18.8%	82.0%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED40

Tape Pos. 281-283  
Format: 13

## TCRED40 • PHYSICAL SCIENCES

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 38 CREDITS.....		128	1.6%	8.4%
ZERO CREDITS.....	0	1383	17.4%	81.4%
RESERVED CODES:				
MISSING.....	999	8288	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED41

Tape Pos. 284-288  
Format: 13

## TCRED41 = SCIENCE TECHNOLOGY

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 35 CREDITS.....	0	1481	19.0%	100.0%
ZERO CREDITS.....				
RESERVED CODES:	999	6298	81.0%	MISS
MISSING.....				
TOTALS:		7778	100.0%	100.0%

## Question TCRED45

Tape Pos. 296-298  
Format: 13

## TCRED45 = SOCIAL SCIENCES

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 35 CREDITS.....	0	312	4.0%	21.1%
ZERO CREDITS.....		1189	15.0%	78.9%
RESERVED CODES:	999	6298	81.0%	MISS
MISSING.....				
TOTALS:		7778	100.0%	100.0%

## Question TCRED42

Tape Pos. 287-289  
Format: 13

## TCRED42 = PSYCHOLOGY

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 15 CREDITS.....	0	188	2.4%	12.8%
ZERO CREDITS.....		1298	16.7%	87.8%
RESERVED CODES:	999	6298	81.0%	MISS
MISSING.....				
TOTALS:		7778	100.0%	100.0%

## Question TCRED46

Tape Pos. 299-301  
Format: 13

## TCRED46 = CONSTRUCTION TECH.

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 03 CREDITS.....	0	1	.0%	.1%
ZERO CREDITS.....		1480	19.0%	99.9%
RESERVED CODES:	999	6298	81.0%	MISS
MISSING.....				
TOTALS:		7778	100.0%	100.0%

## Question TCRED43

Tape Pos. 290-292  
Format: 13

## TCRED43 = PROTECTIVE SERVICES

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 25 CREDITS.....	0	10	.1%	.7%
ZERO CREDITS.....		1471	18.9%	99.3%
RESERVED CODES:	999	6298	81.0%	MISS
MISSING.....				
TOTALS:		7778	100.0%	100.0%

## Question TCRED47

Tape Pos. 302-304  
Format: 13

## TCRED47 = MECHANICAL REPAIRS

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 03 CREDITS.....	0	2	.0%	.1%
ZERO CREDITS.....		1478	18.9%	99.9%
RESERVED CODES:	999	6298	81.0%	MISS
MISSING.....				
TOTALS:		7778	100.0%	100.0%

## Question TCRED44

Tape Pos. 293-296  
Format: 13

## TCRED44 = PUBLIC AFFAIRS

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 07 CREDITS.....	0	7	.1%	.5%
ZERO CREDITS.....		1474	18.9%	99.8%
RESERVED CODES:	999	6298	81.0%	MISS
MISSING.....				
TOTALS:		7778	100.0%	100.0%

## Question TCRED48

Tape Pos. 305-307  
Format: 13

## TCRED48 = PRECISION SCIENCES

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 15 CREDITS.....	0	8	.1%	.5%
ZERO CREDITS.....		1473	18.9%	99.8%
RESERVED CODES:	999	6298	81.0%	MISS
MISSING.....				
TOTALS:		7778	100.0%	100.0%

## Question TCRED4B

Tape Pos. 308-310  
Format: 13

## TCRED4B = MATERIAL TRANSPORT

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 04 CREDITS.....		2	.0%	.1%
ZERO CREDITS.....	0	1478	18.0%	99.9%
RESERVED CODES:				
MISSING.....	999	828E	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED50

Tape Pos. 311-313  
Format: 13

## TCRED50 = VISUAL-PERFORM. ARTS

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 4E CREDITS.....		143	1.8%	8.7%
ZERO CREDITS.....	0	1338	17.2%	80.3%
RESERVED CODES:				
MISSING.....	999	828E	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question TCRED9B

Tape Pos. 314-318  
Format: 13

## TCRED9B = MISSING

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 88 CREDITS.....		110	1.4%	7.4%
ZERO CREDITS.....	0	1371	17.6%	82.6%
RESERVED CODES:				
MISSING.....	999	828E	81.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RACE2

Tape Pos. 317-318  
Format: F3.1

## RACE2 = COMPOSITE RACE-ETHNICITY

Composite race, ethnicity

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
MEXICAN.....	1.1	778	10.0%	10.0%
CUBAN.....	1.2	201	2.6%	2.6%
PUERTO RICAN.....	1.3	118	1.5%	1.5%
OTHER HISPANIC.....	1.4	320	4.1%	4.1%
NATIVE AMERICAN.....	2.0	132	1.7%	1.7%
ASIAN, PACIFIC.....	3.0	348	4.5%	4.5%
BLACK.....	4.0	1819	24.7%	24.7%
WHITE.....	5.0	3832	50.6%	50.6%
OTHER.....	8.0	27	.3%	.3%
TOTALS:		7778	100.0%	100.0%

## Question SEXCOMP

Tape Pos. 320  
Format: 11

## SEXCOMP = COMPOSITE SEX

Sex of respondent

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
Male.....		1	34.8%	44.8%
Female.....	2	4280	55.2%	55.2%
TOTALS:		7778	100.0%	100.0%

## Question SCHSAMP

Tape Pos. 321  
Format: 11

## SCHSAMP = HIGH SCHOOL SAMPLE TYPE

High school sample type

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
Regular public schools.....	0	8447	70.0%	70.0%
Alternative public schools.....	1	180	2.4%	2.4%
Cuban Hispanic public schools.....	13E	13E	1.7%	1.7%
Other Hispanic public schools.....	872	872	11.2%	11.2%
Regular Catholic schools.....	430	430	5.5%	5.5%
Black Catholic schools.....	328	328	4.2%	4.2%
Cuban Hispanic Catholic schools.....	7	109	1.4%	1.4%
Private schools: Elite.....	8E	8E	.7%	.7%
Private schools: Other.....	8	211	2.7%	2.7%
TOTALS:		7778	100.0%	100.0%

## Question HSPROC

Tape Pos. 322  
Format: 11

## HSPROC = HIGH SCHOOL PROGRAM TYPE

High school program type

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
General.....	1	2380	30.3%	31.7%
Academic.....	2	3721	47.9%	60.0%
Vocational.....	3	1381	17.8%	18.3%
Missing.....	8	334	4.3%	MISS
TOTALS:		7778	100.0%	100.0%

## Question PARTIC

Tape Pos. 323-328  
Format: 13

## PARTIC = PARTICIPATION PLACES

Participation flags

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
PUI.....	010	1	.0%	.2%
FU1 & BV.....	011	318	4.1%	4.1%
FU2.....	100	8	.1%	.1%
FU2 & BV.....	101	137	1.8%	1.8%
FU2 & PUI.....	110	213	2.7%	2.7%
FU2 & PUI & BV.....	111	708E	9.1%	9.1%
TOTALS:		7778	100.0%	100.0%

## Question SCHREG

Tape Pos. 328  
Format: 11

SCHREG = HIGH SCHOOL CIG CENSUS REGION

High school census region

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
New England.....	1	388	4.7%	4.7%
Middle Atlantic.....	2	1200	15.4%	15.4%
South Atlantic.....	3	1360	17.0%	17.0%
East South Central.....	4	368	4.7%	4.7%
West South Central.....	5	818	11.0%	11.0%
East North Central.....	6	1368	17.0%	17.0%
West North Central.....	7	823	9.7%	9.7%
Mountain.....	8	387	5.1%	5.1%
Pacific.....	9	1280	15.8%	15.8%
TOTALS:		7778	100.0%	100.0%

## Question BYTEST

Tape Pos. 332-337  
Format: PB.2

BYTEST = BY TEST COMPOSITE

Base Year test composite

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
28.77 TO 72.81.....		7778	100.0%	100.0%
TOTALS:		7778	100.0%	100.0%

## Question BYTESTQ

Tape Pos. 338  
Format: 11

BYTESTQ = BY TEST QUANTILE

Base Year test quartile

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
First Quartile.....	1	1848	18.8%	22.8%
Second Quartile.....	2	1882	20.0%	22.7%
Third Quartile.....	3	1712	22.0%	28.0%
Highest Quartile.....	4	2027	25.1%	38.7%
MISSING, NO DATA.....	5	840	13.1%	MISS
TOTALS:		7778	100.0%	100.0%

## Question HIREGION

Tape Pos. 327-328  
Format: P3.1

HIREGION = HIGH SCHOOL REGION

High School Region

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
NEW ENGLAND.....	1.1	388	4.7%	4.7%
MIDDLE ATLANTIC.....	1.2	1200	15.4%	15.4%
EAST NORTH CENTR.....	2.1	1368	17.0%	17.0%
WEST NORTH CENTR.....	2.2	823	9.7%	9.7%
SOUTH ATLANTIC.....	3.1	1360	17.0%	17.0%
EAST SOUTH CENTR.....	3.2	368	4.7%	4.7%
WEST SOUTH CENTR.....	3.3	818	11.0%	11.0%
MOUNTAIN.....	4.1	387	5.1%	5.1%
PACIFIC.....	4.2	1280	15.8%	15.8%
TOTALS:		7778	100.0%	100.0%

## Question BYSES

Tape Pos. 339-344  
Format: PB.2

BYSES = BY SES COMPOSITE

Base Year SES composite

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
-2.83 TO 2.17.....		7778	100.0%	100.0%
TOTALS:		7778	100.0%	100.0%

## Question HURBAN

Tape Pos. 330  
Format: 11

HURBAN = HIGH SCHOOL URBANIZATION

High School Urbanization

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
Urban.....	1	2172	27.8%	27.8%
Suburban.....	2	3804	48.8%	48.8%
Rural.....	3	1800	23.1%	23.1%
TOTALS:		7778	100.0%	100.0%

## Question BYSESQ

Tape Pos. 345  
Format: 11

BYSESQ = BY SES QUANTILE

Base Year SES quartile

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
First Quartile.....	1	2272	28.2%	30.8%
Second Quartile.....	2	1890	20.4%	21.8%
Third Quartile.....	3	1888	21.8%	23.0%
Highest Quartile.....	4	1828	22.8%	24.7%
MISSING, NO DATA.....	5	362	5.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question BYSCHQAT

Tape Pos. 331  
Format: 11

BYSCHQAT = BY SCHOOL QUER FLAG

Base Year school qua flag

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
Not Available.....	0	188	2.0%	2.0%
Available.....	1	7817	98.0%	98.0%
TOTALS:		7778	100.0%	100.0%



## Question HSGRADES

Type Pos. 346  
Format: 11

## HSGRADES = SELF-REPORTED GRADES

## Self-reported grades

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
A 90-100.....	1	1137	14.8%	18.2%
A 85-89.....	2	1840	23.7%	24.8%
B 80-84.....	3	1832	23.6%	21.8%
C 75-79.....	4	1824	23.4%	28.8%
D 65-69.....	5	728	9.4%	8.7%
E 60-64.....	6	232	3.0%	3.1%
BLV D <60.....	7	30	.4%	.3%
MISSING.....	8	3	.0%	.0%
TOTALS:		7778	100.0%	100.0%

## Question PSTSOC80

Type Pos. 368  
Format: 11

## PSTSOC80 = ACTIVITY IN 10-80

## Activity in 10-80

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
<8 Credits private.....	1	158	2.0%	3.3%
<8 Credits 4yr pub.....	2	74	1.0%	1.4%
<8 Credits 2yr pub.....	3	177	2.3%	3.4%
>= 8 Credits private.....	4	988	12.7%	18.1%
>= 8 Credits 4yr pub.....	5	2153	27.8%	41.8%
>= 8 Credits 2yr pub.....	6	1455	18.8%	28.3%
Other enrolled.....	7	137	1.8%	2.7%
Missing-Not enrolled.....	8	2812	36.2%	MISS
TOTALS:		7778	100.0%	100.0%

## Question RAWWT

Type Pos. 347-353  
Format: P7.2

## RAWWT = MS&amp;S RAW WEIGHT

## MS&amp;S raw weight

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
1.00 TO 1080.84.....		7778	100.0%	100.0%
TOTALS:		7778	100.0%	100.0%

## Question CREDOC80

Type Pos. 359-371  
Format: 13

## CREDOC80 = CREDITS EARNED THRU 10-80

Non-transfer credits earned thru 10-80 at non-vocational  
postsecondary institutions

## Question PSTSFES1

Type Pos. 372  
Format: 11

## PSTSFES1 = ACTIVITY IN 2-81

## Activity in 2-81

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
<8 Credits private.....	1	158	2.0%	3.3%
<8 Credits 4yr pub.....	2	82	1.0%	1.3%
<8 Credits 2yr pub.....	3	181	2.3%	3.5%
>= 8 Credits private.....	4	838	10.8%	18.3%
>= 8 Credits 4yr pub.....	5	2142	27.5%	42.0%
>= 8 Credits 2yr pub.....	6	1455	18.8%	28.1%
Other enrolled.....	7	131	1.7%	2.6%
Missing-Not enrolled.....	8	2871	36.9%	MISS
TOTALS:		7778	100.0%	100.0%

## Question WT1

Type Pos. 354-360  
Format: P7.2

## WT1 = TRANSCRIPT WEIGHT

## Transcript weight

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
.00 TO 1428.13.....		7778	100.0%	100.0%
TOTALS:		7778	100.0%	100.0%

## Question WT2

Type Pos. 361-367  
Format: P7.2

## WT2 = PANEL WEIGHT

## Panel weight

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
.00 TO 1128.53.....		7778	100.0%	100.0%
TOTALS:		7778	100.0%	100.0%

## Question CREDFES1

Type Pos. 373-378  
Format: 13

## CREDFES1 = CREDITS EARNED THRU 2-81

Non-transfer credits earned thru 2-81 at non-vocational  
postsecondary institutions

## Question PSTSJUS1

Type Pos. 379  
Format: 11

## PSTSJUS1 = ACTIVITY IN 7-81

## Activity in 7-81

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
Private.....	1	152	2.0%	12.8%
4yr Public.....	2	400	5.1%	33.1%
2yr Public.....	3	613	7.9%	50.8%
Other enrolled.....	4	42	.6%	3.6%
Missing-Not enrolled.....	5	8889	84.8%	MISS
TOTALS:		7778	100.0%	100.0%

## Question CREDJUS1

Tape Pos. 377-379  
Format: 13

## CREDJUS1 = CREDITS EARNED THRU 7-81

Non-transfer credits earned thru 7-81 at non-vocational  
postsecondary institutions

## Question PETSOCB1

Tape Pos. 380  
Format: 11

## PETSOCB1 = ACTIVITY IN 10-81

Activity in 10-81

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
<8 Credits private.....	1	188	2.2%	3.8%
<8 Credits 4yr pub.....	2	81	.8%	1.3%
<8 Credits 2yr pub.....	3	178	2.3%	3.6%
>= 8 Credits private.....	4	829	11.3%	18.1%
>= 8 Credits 4yr pub.....	5	2020	28.0%	41.9%
>= 8 Credits 2yr pub.....	6	1372	17.8%	28.2%
Other enrolled.....	7	137	1.8%	2.6%
Missing-Not enrolled.....	8	2813	37.8%	MISS
TOTALS:		7778	100.0%	100.0%

## Question CREDOC1

Tape Pos. 381-383  
Format: 13

## CREDOC1 = CREDITS EARNED THRU 10-81

Non-transfer credits earned thru 10-81 at non-vocational  
postsecondary institutions

## Question PETSFE2

Tape Pos. 384  
Format: 11

## PETSFE2 = ACTIVITY IN 2-82

Activity in 2-82

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
<8 Credits private.....	1	173	2.2%	3.8%
<8 Credits 4yr pub.....	2	73	.9%	1.5%
<8 Credits 2yr pub.....	3	218	2.8%	4.6%
>= 8 Credits private.....	4	878	11.3%	18.8%
>= 8 Credits 4yr pub.....	5	1881	28.1%	41.3%
>= 8 Credits 2yr pub.....	6	1307	18.9%	27.7%
Other enrolled.....	7	138	1.8%	2.7%
Missing-Not enrolled.....	8	3081	39.2%	MISS
TOTALS:		7778	100.0%	100.0%

## Question CREDFE2

Tape Pos. 385-387  
Format: 13

## CREDFE2 = CREDITS EARNED THRU 2-82

Non-transfer credits earned thru 2-82 at non-vocational  
postsecondary institutions

## Question PETSJUS2

Tape Pos. 388  
Format: 11

## PETSJUS2 = ACTIVITY IN 7-82

Activity in 7-82

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
Private.....	1	182	2.8%	16.2%
4yr Public.....	2	808	8.8%	40.0%
2yr Public.....	3	812	8.8%	40.8%
Other enrolled.....	4	84	.7%	4.3%
Missing-Not enrolled.....	5	8613	83.8%	MISS
TOTALS:		7778	100.0%	100.0%

## Question CREDJUS2

Tape Pos. 389-391  
Format: 13

## CREDJUS2 = CREDITS EARNED THRU 7-82

Non-transfer credits earned thru 7-82 at non-vocational  
postsecondary institutions

## Question PETSOCB2

Tape Pos. 392  
Format: 11

## PETSOCB2 = ACTIVITY IN 10-82

Activity in 10-82

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
<8 Credits private.....	1	132	1.7%	3.2%
<8 Credits 4yr pub.....	2	70	.9%	1.7%
<8 Credits 2yr pub.....	3	188	2.8%	4.8%
>= 8 Credits private.....	4	803	10.3%	18.3%
>= 8 Credits 4yr pub.....	5	1948	28.1%	48.3%
>= 8 Credits 2yr pub.....	6	880	11.4%	21.4%
Other enrolled.....	7	108	1.4%	2.6%
Missing-Not enrolled.....	8	3828	48.8%	MISS
TOTALS:		7778	100.0%	100.0%

## Question CREDOC2

Tape Pos. 393-395  
Format: 13

## CREDOC2 = CREDITS EARNED THRU 10-82

Non-transfer credits earned thru 10-82 at non-vocational  
postsecondary institutions

## Question PETSFE3

Tape Pos. 396  
Format: 11

## PETSFE3 = ACTIVITY IN 2-83

Activity in 2-83

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
<8 Credits private.....	1	131	1.7%	3.3%
<8 Credits 4yr pub.....	2	78	1.0%	1.8%
<8 Credits 2yr pub.....	3	201	2.8%	5.1%
>= 8 Credits private.....	4	747	9.8%	18.8%
>= 8 Credits 4yr pub.....	5	1818	24.7%	48.4%
>= 8 Credits 2yr pub.....	6	782	10.1%	19.7%
Other enrolled.....	7	108	1.4%	2.7%
Missing-Not enrolled.....	8	3813	49.0%	MISS
TOTALS:		7778	100.0%	100.0%

## Question CREDPEB3

Tape Pos. 387-389  
Format: 13

CREDPEB3 = CREDITS EARNED THRU 2-83

Non-transfer credits earned thru 2-83 at non-vocational  
postsecondary institutions

## Question PSTBUEB3

Tape Pos. 400  
Format: 11

PSTBUEB3 = ACTIVITY IN 7-83

Activity in 7-83

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
Private.....	1	238	3.1%	17.8%
4yr Public.....	2	783	9.8%	58.8%
2yr Public.....	3	323	4.2%	23.6%
Other enrolled.....	4	42	0.5%	3.1%
Missing-Not enrolled.....	5	8408	82.4%	MISS
TOTALS:		7778	100.0%	100.0%

## Question CREDJUB3

Tape Pos. 401-403  
Format: 13

CREDJUB3 = CREDITS EARNED THRU 7-83

Non-transfer credits earned thru 7-83 at non-vocational  
postsecondary institutions

## Question PSTBOCB3

Tape Pos. 404  
Format: 11

PSTBOCB3 = ACTIVITY IN 10-83

Activity in 10-83

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
<8 Credits private.....	1	138	1.7%	3.7%
<8 Credits 4yr pub.....	2	83	1.1%	1.7%
<8 Credits 2yr pub.....	3	202	2.6%	5.0%
>= 8 Credits private.....	4	788	9.9%	20.8%
>= 8 Credits 4yr pub.....	5	1807	23.2%	51.8%
>= 8 Credits 2yr pub.....	6	808	10.4%	23.0%
Other enrolled.....	7	80	1.0%	2.3%
Missing-Not enrolled.....	8	4108	52.8%	MISS
TOTALS:		7778	100.0%	100.0%

## Question CREDOCB3

Tape Pos. 405-407  
Format: 13

CREDOCB3 = CREDITS EARNED THRU 10-83

Non-transfer credits earned thru 10-83 at non-vocational  
postsecondary institutions

## Question PSTBPEB4

Tape Pos. 408  
Format: 11

PSTBPEB4 = ACTIVITY IN 2-84

Activity in 2-84

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
<8 Credits private.....	1	182	2.0%	4.4%
<8 Credits 4yr pub.....	2	80	1.0%	2.3%
<8 Credits 2yr pub.....	3	181	2.3%	5.3%
>= 8 Credits private.....	4	710	8.1%	20.6%
>= 8 Credits 4yr pub.....	5	1804	23.2%	52.4%
>= 8 Credits 2yr pub.....	6	428	5.0%	12.4%
Other enrolled.....	7	88	1.1%	2.6%
Missing-Not enrolled.....	8	4338	55.8%	MISS
TOTALS:		7778	100.0%	100.0%

## Question CREDPEB4

Tape Pos. 408-411  
Format: 13

CREDPEB4 = CREDITS EARNED THRU 2-84

Non-transfer credits earned thru 2-84 at non-vocational  
postsecondary institutions

## Question PSTBUEB4

Tape Pos. 412  
Format: 11

PSTBUEB4 = ACTIVITY IN 7-84

Activity in 7-84

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
Private.....	1	123	1.6%	18.8%
4yr Public.....	2	440	5.7%	60.1%
2yr Public.....	3	147	1.9%	20.1%
Other enrolled.....	4	22	0.3%	3.0%
Missing-Not enrolled.....	5	7044	90.5%	MISS
TOTALS:		7778	100.0%	100.0%

## Question CREDJUB4

Tape Pos. 413-415  
Format: 13

CREDJUB4 = CREDITS EARNED THRU 7-84

Non-transfer credits earned thru 7-84 at non-vocational  
postsecondary institutions

\*\*\*\*\*  
 \* TRANSCRIPT LEVEL RECORD \*  
 \*\*\*\*\*

-----  
 Question RECTYPE2  
 -----

Tape Pos. 1  
 Format: 11

RECTYPE2 = RECORD TYPE INDICATOR

Record Type Indicator

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
Transcript.....	2	11288	100.0%	100.0%
TOTALS:		11288	100.0%	100.0%

-----  
 Question STUID  
 -----

Tape Pos. 2-7  
 Format: 18

STUID = STUDENT IDENTIFICATION NO.

Student Identification Number

-----  
 Question TRANNUM  
 -----

Tape Pos. 8  
 Format: 11

TRANNUM = TRANSCRIPT NUMBER

Transcript Number

-----  
 Question PICE  
 -----

Tape Pos. 9-14  
 Format: 18

PICE = SCHOOL ID

PICE Code

-----  
 Question TRNSFLAG  
 -----

Tape Pos. 18  
 Format: 11

TRNSFLAG = TRANSCRIPT RECEIVED

Flag to indicate transcript received

-----  
 Question TRNSFERT  
 -----

Tape Pos. 18  
 Format: 11

TRNSFERT = TRANSFER COURSES ON THIS TRANSCRIPT

Flag to indicate transfer courses on this transcript

-----  
 Question FINDISP  
 -----

Tape Pos. 17  
 Format: 11

FINDISP = FINAL DISPOSITION

Final Disposition

-----  
 Question POREGION  
 -----

Tape Pos. 18  
 Format: 11

POREGION = POST SECONDARY SCHOOL REGION

PS School Region

-----  
 Question INSTYPE  
 -----

Tape Pos. 18  
 Format: 11

INSTYPE = INSTITUTION TYPE

Institution Type

-----  
 Question TERMS  
 -----

Tape Pos. 20-21  
 Format: 12

TERMS = NUMBER OF TERMS ON TRANSCRIPT

Number of terms on transcript

-----  
 Question DEGREE1  
 -----

Tape Pos. 22  
 Format: 11

DEGREE1 = FIRST CREDENTIAL EARNED

First credential

-----  
 Question DEGREE1  
 -----

Tape Pos. 23-28  
 Format: A7

DEGREE1 = VERBATIM DEGREE TEXT, FIRST DEGREE

First Credential Name

-----  
 Question GPA1  
 -----

Tape Pos. 30-38  
 Format: F7.3

GPA1 = FIRST GRADE POINT AVERAGE ON TRANSCRIPT

Grade Point Average for first credential

-----  
 Question HONORS1  
 -----

Tape Pos. 37  
 Format: 11

HONORS1 = HONORS GRANTED, FIRST DEGREE

Flag for honors with first credential

-----  
 Question DECMON1  
 -----

Tape Pos. 39-39  
 Format: 12

DECMON1 = MONTH RECEIVED FIRST CREDENTIAL

Month of award of first credential

-----  
Question DEGYR1

Tape Pos. 40-41  
Format: I2

DEGYR1 = YEAR RECEIVED FIRST CREDENTIAL

Year of award of first credential

-----  
Question DEGREE2

Tape Pos. 42  
Format: I1

DEGREE2 = SECOND CREDENTIAL EARNED

Second credential

-----  
Question DECHAME2

Tape Pos. 43-48  
Format: A7

DECHAME2 = VERBATIM DEGREE TEXT, SECOND DEGREE

Second Credential Name

-----  
Question GPA2

Tape Pos. 50-56  
Format: F7.3

GPA2 = SECOND GRADE POINT AVERAGE ON TRANSCRIPT

Grade Point Average for second credential

-----  
Question HONORS2

Tape Pos. 57  
Format: I1

HONORS2 = HONORS GRANTED, SECOND DEGREE

Flag for honors with second credential

-----  
Question DECHON2

Tape Pos. 58-59  
Format: I2

DECHON2 = MONTH RECEIVED SECOND CREDENTIAL

Month of award of second credential

-----  
Question DEGYR2

Tape Pos. 60-61  
Format: I2

DEGYR2 = YEAR RECEIVED SECOND CREDENTIAL

Year of award of second credential

-----  
Question DEGREE3

Tape Pos. 82  
Format: I1

DEGREE3 = THIRD CREDENTIAL EARNED

Third credential

-----  
Question DECHAME3

Tape Pos. 83-89  
Format: A7

DECHAME3 = VERBATIM DEGREE TEXT, FIRST DEGREE

First Credential Name

-----  
Question GPA3

Tape Pos. 70-76  
Format: F7.3

GPA3 = THIRD GRADE POINT AVERAGE ON TRANSCRIPT

Grade Point Average for third credential

-----  
Question HONORS3

Tape Pos. 77  
Format: I1

HONORS3 = HONORS GRANTED, THIRD DEGREE

Flag for honors with third credential

-----  
Question DECHON3

Tape Pos. 78-79  
Format: I2

DECHON3 = MONTH RECEIVED THIRD CREDENTIAL

Month of award of third credential

-----  
Question DEGYR3

Tape Pos. 80-81  
Format: I2

DEGYR3 = YEAR RECEIVED THIRD CREDENTIAL

Year of award of third credential

-----  
Question MAJCIP1

Tape Pos. 82-87  
Format: I8

MAJCIP1 = CIP CODE FIRST MAJOR AREA

CIP code for first major

-----  
Question MAJTEXT1

Tape Pos. 88-112  
Format: A28

MAJTEXT1 = VERBATIM FIRST MAJOR 28 CHARS

Verbatim for first major

-----  
Question MAJCIP2

Tape Pos. 113-119  
Format: I8

MAJCIP2 = CIP CODE SECOND MAJOR AREA

CIP code for second major

-----  
Question MAJTEXT2  
-----Tape Pos. 119-143  
Format: A25

MAJTEXT2 = VERBATIM SECOND MAJOR 25 CHARS

Verbatim for second major

-----  
Question MINTEXT3  
-----Tape Pos. 243-267  
Format: A25

MINTEXT3 = VERBATIM THIRD MINOR 25 CHARS

Verbatim for third minor

-----  
Question MAJCIP3  
-----Tape Pos. 144-148  
Format: 16

MAJCIP3 = CIP CODE THIRD MAJOR AREA

CIP code for third major

-----  
Question GENCPA  
-----Tape Pos. 266-274  
Format: F7.3

GENCPA = SYNTHETIC GPA

Synthetic GPA for non-transfer courses with letter grades taken at non-vocational postsecondary institutions in 'standard terms'

-----  
Question MAJTEXT3  
-----Tape Pos. 150-174  
Format: A25

MAJTEXT3 = VERBATIM THIRD MAJOR 25 CHARS

Verbatim for third major

-----  
Question TCRED A  
-----Tape Pos. 275-277  
Format: 13

TCRED A = TOTAL CREDITS ATTEMPTED

Total non-transfer credits attempted in 'standard terms' at non-vocational postsecondary institutions

-----  
Question MINCIP1  
-----Tape Pos. 175-180  
Format: 16

MINCIP1 = CIP CODE FIRST MINOR AREA

CIP code for first minor

-----  
Question TCRED E  
-----Tape Pos. 276-280  
Format: 13

TCRED E = TOTAL CREDITS EARNED

Total non-transfer credits earned in 'standard terms' at non-vocational postsecondary institutions

-----  
Question MINTEXT1  
-----Tape Pos. 161-205  
Format: A25

MINTEXT1 = VERBATIM FIRST MINOR 25 CHARS

Verbatim for first minor

-----  
Question MINCIP2  
-----Tape Pos. 206-211  
Format: 16

MINCIP2 = CIP CODE SECOND MINOR AREA

CIP code for second minor

-----  
Question MINTEXT2  
-----Tape Pos. 212-235  
Format: A25

MINTEXT2 = VERBATIM SECOND MINOR 25 CHARS

Verbatim for second minor

-----  
Question MINCIP3  
-----Tape Pos. 237-242  
Format: 16

MINCIP3 = CIP CODE THIRD MINOR AREA

CIP code for third minor

\*\*\*\*\*  
 \* TERM LEVEL RECORD \*  
 \*\*\*\*\*

-----  
 Question RECTYPE3  
 -----

Tape Pos. 1  
 Format: 11

RECTYPE3 = RECORD TYPE INDICATOR

Record Type Indicator

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
Term.....	3	81739	100.0%	100.0%
TOTALS:		81739	100.0%	100.0%

-----  
 Question COURSES  
 -----

Tape Pos. 17-18  
 Format: 12

COURSES = NUMBER OF COURSES THIS TERM

Number of courses in this term

-----  
 Question STARTMON  
 -----

Tape Pos. 19-20  
 Format: 12

STARTMON = TERM START MONTH

Start month of term

-----  
 Question STUID  
 -----

Tape Pos. 2-7  
 Format: 18

STUID = STUDENT IDENTIFICATION NO.

Student Identification Number

-----  
 Question STARTYR  
 -----

Tape Pos. 21-22  
 Format: 12

STARTYR = TERM START YEAR

Start year of term

-----  
 Question TRANNUM  
 -----

Tape Pos. 8  
 Format: 11

TRANNUM = TRANSCRIPT NUMBER

Transcript Number

-----  
 Question ENDMON  
 -----

Tape Pos. 23-24  
 Format: 12

ENDMON = TERM END MONTH

End month of term

-----  
 Question TERMNUM  
 -----

Tape Pos. 9-10  
 Format: 12

TERMNUM = NTH TERM OF TRANSCRIPT BY SORTDATE

Number of this term

-----  
 Question ENDYR  
 -----

Tape Pos. 25-26  
 Format: 12

ENDYR = TERM END YEAR

End year of term

-----  
 Question SORTDATE  
 -----

Tape Pos. 11-14  
 Format: 14

SORTDATE = DATE OF TERM <YYMM>

Constructed starting date of term in form YYMM (if starting date was missing, ending date was used)

-----  
 Question SEASON  
 -----

Tape Pos. 27  
 Format: 11

SEASON = SEASON COURSES TAKEN

School term season

-----  
 Question TRANSFER  
 -----

Tape Pos. 15  
 Format: 11

TRANSFER = TRANSFER COURSES IN TRANSCRIPT

Flag for transfer terms

-----  
 Question GRADCODE  
 -----

Tape Pos. 28  
 Format: 11

GRADCODE = GRADE SCALE TYPE

Grade Scale Type

-----  
 Question TERMTYPE  
 -----

Tape Pos. 16  
 Format: 11

TERMTYPE = TYPE OF TERM

Type of Term (semester, quarter, etc.)

-----  
 Question PASSGRAD  
 -----

Tape Pos. 29-31  
 Format: 13

PASSGRAD = PASSING GRADE <NUMBER>

Scale passing grade (numeric only)



-----  
Question HIGHGRAD  
-----

Tapo Pos. 32-34  
Format: I3

HIGHGRAD = SCALE HIGHEST GRADE <NUMERIC ONLY>

Scale highest grade (numeric only)

-----  
Question LOWGRAD  
-----

Tapo Pos. 35-37  
Format: I3

LOWGRAD = SCALE LOWEST GRADE <NUMERIC ONLY>

Scale lowest grade (numeric only)

-----  
Question MEMO  
-----

Tapo Pos. 38-63  
Format: A28

MEMO = MEMO OR VERBATIM NAME OF TRANSFER SCHOOL

Name of transfer school or verbatim text from undated term

\*\*\*\*\*  
 \* COURSE LEVEL RECORD \*  
 \*\*\*\*\*

\*\*\*\*\*  
 Question RECTYPE  
 \*\*\*\*\*

Tapo Pos. 1  
 Format: 11

RECTYPE = RECORD TYPE INDICATOR

Record Type Indicator

RESPONSE	CODES	FREQ	PER- CENT	VALID PCT
Course.....	4	218428	100.0%	100.0%
TOTALS:		218428	100.0%	100.0%

\*\*\*\*\*  
 Question CRSGRAD  
 \*\*\*\*\*

Tapo Pos. 28-32  
 Format: F7.3

CRSGRAD = NUMERIC GRADE FOR COURSE

Grade received, if numeric

\*\*\*\*\*  
 Question CRADTYPE  
 \*\*\*\*\*

Tapo Pos. 33  
 Format: 11

CRADTYPE = TYPE OF GRADE

Grade scale for this course

\*\*\*\*\*  
 Question STUID  
 \*\*\*\*\*

Tapo Pos. 2-7  
 Format: 18

STUID = STUDENT IDENTIFICATION NUMBER

Student Identification Number

\*\*\*\*\*  
 Question CRSENAME  
 \*\*\*\*\*

Tapo Pos. 34-88  
 Format: A2E

CRSENAME = VERBATIM COURSE TITLE

Verbatim course title

\*\*\*\*\*  
 Question TRANNUM  
 \*\*\*\*\*

Tapo Pos. 8  
 Format: 11

TRANNUM = TRANSCRIPT NUMBER

Transcript Number

\*\*\*\*\*  
 Question TERMNUM  
 \*\*\*\*\*

Tapo Pos. 9-10  
 Format: 12

TERMNUM = TERM NUMBER

Term Number

\*\*\*\*\*  
 Question CRSECIP  
 \*\*\*\*\*

Tapo Pos. 11-18  
 Format: 18

CRSECIP = COURSE CIP CODE

Course CIP code

\*\*\*\*\*  
 Question CRSECRD  
 \*\*\*\*\*

Tapo Pos. 17-23  
 Format: F7.3

CRSECRD = COURSE CREDITS POSSIBLE

Course credits possible

\*\*\*\*\*  
 Question CRSGRADA  
 \*\*\*\*\*

Tapo Pos. 24-28  
 Format: A2

CRSGRADA = LETTER GRADE FOR COURSE

Grade received, if letter

**APPENDIX A: List of Endorsing Institutions**

## APPENDIX A

### Postsecondary School Transcript Study Endorsing Institutions

American Association of Collegiate Registrars and Admissions Officers (AACRAO)  
American Association of Community and Junior Colleges (AACJC)  
American Association of State Colleges and Universities (AASCU)  
American Council on Education (ACE)  
Association of Catholic Colleges and Universities (ACCU)  
Association of Independent Colleges and Schools (AICS)  
Association of Jesuit Colleges and Universities (AJCU)  
The College Board  
National Accrediting Commission of Cosmetology Arts and Sciences (NACCAS)  
National Association of College and University Business Officers (NACUBO)  
National Association for Equal Opportunity in Higher Education (NAFEO)  
National Association of Student Financial Aid Administrators (NASFAA)  
National Association of Trade and Technical Schools (NATTS)  
National Institute of Independent Colleges and Universities (NIICU)  
United Negro College Fund, Inc.

**APPENDIX B: Postsecondary School Codes in Numerical Order**

INSTITUTIONS IN THE HS&B POSTSECONDARY SCHOOL TRANSCRIPT SURVEY  
BY FICE CODE

PAGE 1

<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>
001002	ALABAMA A & M UNIVERSITY	NORMAL	AL	35762
001003	ALABAMA CHRISTIAN COLLEGE	MONTGOMERY	AL	36109
001005	ALABAMA STATE UNIVERSITY	MONTGOMERY	AL	36195
001007	ALEXANDER CITY STATE JC	ALEXANDER CY	AL	35010
001009	AUBURN U MAIN CAMPUS	AUBURN	AL	36849
001016	NORTH ALABAMA, U OF	FLORENCE	AL	35630
001017	GADSDEN STATE JR COLLEGE	GADSDEN	AL	35903
001018	GEO C WALLACE ST CC-DOTHN	DOTHAN	AL	36303
001020	JACKSONVL ST UNIVERSITY	JACKSONVILLE	AL	36265
001021	JEFFERSON DAVIS STATE JC	BREWTON	AL	36427
001022	JEFFERSON ST JR COLLEGE	BIRMINGHAM	AL	35215
001023	JUDSON COLLEGE	MARION	AL	36756
001024	LIVINGSTON UNIVERSITY	LIVINGSTON	AL	35470
001026	MARION MILITARY INSTITUTE	MARION	AL	36756
001030	S D BISHOP ST JR COLLEGE	MOBILE	AL	36690
001031	NTHST ALA ST JR COLLEGE	RAINSVILLE	AL	35986
001033	OAKWOOD COLLEGE	HUNTSVILLE	AL	35806
001034	PATRICK HENRY STATE JC	MONROEVILLE	AL	36460
001036	SAMFORD UNIVERSITY	BIRMINGHAM	AL	35209
001037	SELMA UNIVERSITY	SELMA	AL	36701
001038	SNEAD STATE JR COLLEGE	BOAZ	AL	35957
001041	SPRING HILL COLLEGE	MOBILE	AL	36608
001046	TALLADEGA COLLEGE	TALLADEGA	AL	35160
001047	TROY STATE U MAIN CAMPUS	TROY	AL	36081
001050	TUSKEGEE INSTITUTE	TUSKEGEE INST	AL	36088
001051	UNIVERSITY OF ALABAMA	UNIVERSITY	AL	35486
001052	ALABAMA IN BIRMINGHAM, U	BIRMINGHAM	AL	35294
001057	SOUTH ALABAMA, U OF	MOBILE	AL	36688
001059	LAWSON STATE CMTY COLLEGE	BIRMINGHAM	AL	35221
001060	FAULKNER STATE JR COLLEGE	BAY MINETTE	AL	36507
001062	SHELDON JACKSON COLLEGE	SITKA	AK	99835
001063	ALASKA U FAIRBANKS CAMPUS	FAIRBANKS	AK	99701
001064	ANCHORAGE COMMUNITY COLLEGE	ANCHORAGE	AK	99504
001066	ALASKA KENAI CC, U OF	SOLDOTHA	AK	99669
001071	ARIZONA WESTERN COLLEGE	YUMA	AZ	85364
001073	EASTERN ARIZONA COLLEGE	THATCHER	AZ	85552
001074	GRAND CANYON COLLEGE	PHOENIX	AZ	85017
001076	GLENDALE CMTY COLLEGE	GLENDALE	AZ	85302
001077	MESA COMMUNITY COLLEGE	MESA	AZ	85202
001078	PHOENIX COLLEGE	PHOENIX	AZ	85013
001081	ARIZONA STATE UNIVERSITY	TEMPE	AZ	85287
001082	NORTHERN ARIZ UNIVERSITY	FLAGSTAFF	AZ	86011
001083	ARIZONA, UNIVERSITY OF	TUCSON	AZ	85721
001085	ARKANSAS-MONTICELLO, U OF	MONTICELLO	AR	71655
001086	ARKANSAS PINE BLUFF, U OF	PINE BLUFF	AR	71601
001088	ARKANSAS COLLEGE	BATESVILLE	AR	72501
001089	ARKANSAS TECH UNIVERSITY	RUSSELLVILLE	AR	72801
001090	ARKANSAS STATE UNIV MAIN CAMPUS	STATE UNIV	AR	72467
001092	CENTRAL ARKANSAS, U OF	CONWAY	AR	72032
001094	OZARKS, COLLEGE OF THE	CLARKSVILLE	AR	72830
001095	CROWLEY'S RIDGE COLLEGE	PARAGOULD	AR	72450
001098	HENDERSON ST UNIVERSITY	ARKADELPHIA	AR	71923

<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>
001099	HENDRIX COLLEGE	CONWAY	AR	72032
001100	JOHN BROWN UNIVERSITY	SILAM SPG	AR	72761
001101	ARKANSAS AT LITTLE ROCK, U OF	LITTLE ROCK	AR	72204
001103	PHILANDER SMITH COLLEGE	LITTLE ROCK	AR	72202
001104	PHILLIPS CO CMTY COLLEGE	HELENA	AR	72342
001107	SOUTHERN ARK U MAIN CAMPUS	MAGNOLIA	AR	71753
001108	ARKANSAS MAIN CAMPUS, U OF	FAYETTEVILLE	AR	72701
001111	ALLAN HANCOCK COLLEGE	SANTA MARIA	CA	93454
001116	ART CTR COLLEGE OF DESIGN	PASADENA	CA	91103
001117	AZUSA PACIFIC COLLEGE	AZUSA	CA	91702
001118	BAKERSFIELD COLLEGE	BAKERSFIELD	CA	93305
001122	BIOLA UNIV	LA MIRADA	CA	90639
001124	CABRILLO COLLEGE	APTOS	CA	95003
001125	CAL BAPTIST COLLEGE	RIVERSIDE	CA	92504
001131	CAL INST OF TECHNOLOGY	PASADENA	CA	91125
001133	CAL LUTHERAN COLLEGE	THOUSAND OAKS	CA	91360
001136	CAL ST U & C SYSTEM OFF	LONG BEACH	CA	90802
001137	CAL STATE U-FULLERTON	FULLERTON	CA	92634
001138	CAL STATE U-HAYWARD	HAYWARD	CA	94542
001139	CAL STATE U-LONG BEACH	LONG BEACH	CA	90840
001140	CAL STATE U-LOS ANGELES	LOS ANGELES	CA	90032
001141	CAL STATE U-DOMINGUEZ HLS	CARSON	CA	90747
001142	CAL STATE C-SN BERNARDINO	SN BERNARDINO	CA	92407
001143	CAL POLY ST U-SN LUIS OB	SN LUIS OBSPO	CA	93407
001144	CAL STATE POLY U-POMONA	POMONA	CA	91768
001146	CAL STATE U-CHICO	CHICO	CA	95929
001147	CAL STATE U-FRESNO	FRESNO	CA	93740
001149	HUMBOLDT STATE U	ARCATA	CA	95521
001150	CAL STATE U-SACRAMENTO	SACRAMENTO	CA	95819
001151	SAN DIEGO STATE U	SAN DIEGO	CA	92182
001153	CAL STATE U-NORTHRIDGE	NORTHRIDGE	CA	91330
001154	SAN FRANCISCO STATE U	SAN FRANCISCO	CA	94132
001155	SAN JOSE STATE U	SAN JOSE	CA	95192
001157	CAL ST COLLEGE-STANISLAUS	TURLOCK	CA	95380
001161	CERRITOS COLLEGE	NORWALK	CA	90650
001162	CHABOT COLLEGE	HAYWARD	CA	94545
001163	CHAFFEY COMMUNITY COLLEGE	ALTA LOMA	CA	91701
001166	CITRUS COLLEGE	AZUSA	CA	91702
001170	CLAREMONT MCKENNA C	CLAREMONT	CA	91711
001173	POMONA COLLEGE	CLAREMONT	CA	91711
001174	SCRIPPS COLLEGE	CLAREMONT	CA	91711
001176	WEST HILLS COLLEGE	COALINGA	CA	93210
001178	MARIN, COLLEGE OF	KENTFIELD	CA	94904
001181	SAN MATEO, COLLEGE OF	SAN MATEO	CA	94402
001182	DESERT, COLLEGE OF THE	PALM DESERT	CA	92260
001185	REDWOODS, COLLEGE OF THE	EUREKA	CA	95501
001186	SEQUOIAS, COLLEGE OF THE	VISALIA	CA	93277
001187	SISKIYOU'S, COLLEGE OF THE	WEED	CA	96094
001188	COMPTON CMTY COLLEGE	COMPTON	CA	90221
001191	DIABLO VALLEY COLLEGE	PLEASANT HILL	CA	94523
001192	CUESTA COLLEGE	SN LUIS OBSPO	CA	93406
001193	CYPRESS COLLEGE	CYPRESS	CA	90630



<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>
001197	EL CAMINO COLLEGE	TORRANCE	CA	90506
001199	FOOTHILL COLLEGE	LOS ALTOS HILLS	CA	94022
001200	FULLER THEOLOGICAL SEM	PASADENA	CA	91101
001201	FULLERTON COLLEGE	FULLERTON	CA	92634
001203	GLENDALE CMTY COLLEGE	GLENDALE	CA	91208
001205	GOLDEN GATE UNIVERSITY	SAN FRANCISCO	CA	94105
001206	GOLDEN WEST COLLEGE	HUNTINGTN BCH	CA	92647
001208	GROSSMONT COLLEGE	EL CAJON	CA	92020
001209	HARTNELL COLLEGE	SALINAS	CA	93901
001210	HEALD INST TECH	SAN FRANCISCO	CA	94109
001214	IMPERIAL VALLEY COLLEGE	IMPERIAL	CA	92251
001216	LA VERNE, U OF	LA VERNE	CA	91750
001217	LASSEN COLLEGE	SUSANVILLE	CA	96130
001218	LOMA LINDA UNIVERSITY	LOMA LINDA	CA	92354
001219	LONG BEACH CITY COLLEGE	LONG BEACH	CA	90808
001220	LOS ANGELES BAPT COLLEGE	AD	CA	91322
001222	EAST LOS ANGELES COLLEGE	MONTEREY PARK	CA	91754
001223	LOS ANGELES CITY COLLEGE	LOS ANGELES	CA	90029
001224	LOS ANG HARBOR COLLEGE	WILMINGTON	CA	90744
001226	LOS ANG PIERCE COLLEGE	WOODLAND HLS	CA	91371
001227	LOS ANG TR TECH COLLEGE	LOS ANGELES	CA	90015
001228	LOS ANG VALLEY COLLEGE	VAN NUYS	CA	91401
001231	LOS RIOS CC DIST OFF	SACRAMENTO	CA	95825
001233	SACRAMENTO CITY COLLEGE	SACRAMENTO	CA	95822
001236	MENLO COLLEGE	MENLO PARK	CA	94025
001237	MERCED COLLEGE	MERCED	CA	95340
001238	MILLS COLLEGE	OAKLAND	CA	94613
001239	MIRA COSTA COLLEGE	OCEANSIDE	CA	92054
001240	MODESTO JUNIOR COLLEGE	MODESTO	CA	95350
001241	MONTEREY INTRNATL STDIES	MONTEREY	CA	93940
001243	MOUNT SNT MARY'S COLLEGE	LOS ANGELES	CA	90049
001245	MOUNT SAN ANTONIO COLLEGE	WALNUT	CA	91789
001246	MT SAN JACINTO COLLEGE	SAN JACINTO	CA	92383
001247	NAPA COLLEGE	NAPA	CA	94558
001248	NORTHROP UNIVERSITY	INGLEWOOD	CA	90306
001249	OCCIDENTAL COLLEGE	LOS ANGELES	CA	90041
001250	ORANGE COAST COLLEGE	COSTA MESA	CA	92626
001253	FRESNO PACIFIC COLLEGE	FRESNO	CA	93702
001254	PACIFIC LUTH THEOL SEM	BERKELEY	CA	94708
001259	PALO VERDE COLLEGE	BLYTHE	CA	92225
001260	PALOMAR COLLEGE	SAN MARCOS	CA	92069
001261	PASADENA CITY COLLEGE	PASADENA	CA	91106
001262	POINT LOMA COLLEGE	SAN DIEGO	CA	92106
001264	PEPPERDINE UNIVERSITY	MALIBU	CA	90265
001266	LANEY COLLEGE	OAKLAND	CA	94607
001267	MERRITT COLLEGE	OAKLAND	CA	94619
001268	PORTERVILLE COLLEGE	PORTERVILLE	CA	93257
001269	RIO HONDO COLLEGE	WHITTIER	CA	90608
001270	RIVERSIDE CITY COLLEGE	RIVERSIDE	CA	92506
001272	SAN BERNARDINO VLY C	SN BERNARDINO	CA	92410
001275	SAN DIEGO MESA COLLEGE	SAN DIEGO	CA	92111
001280	SAN JOAQUIN DELTA COLLEGE	STOCKTON	CA	95207

<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>
001282	SAN JOSE CITY COLLEGE	SAN JOSE	CA	95128
001284	SANTA ANA COLLEGE	SANTA ANA	CA	92706
001285	SANTA BARBARA CTY COLLEGE	SANTA BARBARA	CA	93109
001286	SANTA MONICA COLLEGE	SANTA MONICA	CA	90405
001287	SANTA ROSA JUNIOR COLLEGE	SANTA ROSA	CA	95401
001289	SHASTA COLLEGE	REDDING	CA	96099
001290	SIERRA COMMUNITY COLLEGE	ROCKLIN	CA	95677
001294	SOUTHWESTERN COLLEGE	CHULA VISTA	CA	92010
001295	SOUTHWESTERN U SCH OF LAW	LOS ANGELES	CA	90005
001296	DOMINICAN SCH PHIL & THEO	BERKELEY	CA	94709
001305	STANFORD UNIVERSITY	STANFORD	CA	94305
001306	STATE CTR CC DIST SYS OFF	FRESNO	CA	93704
001307	FRESNO CITY COLLEGE	FRESNO	CA	93741
001308	KINGS RIVER CMTY COLLEGE	REEDLEY	CA	93654
001309	TAFT COLLEGE	TAFT	CA	93268
001310	NAVAL POSTGRADUATE SCHOOL	MONTEREY	CA	93940
001312	CAL-BERKELEY,U OF	BERKELEY	CA	94720
001313	CAL-DAVIS,U OF	DAVIS	CA	95616
001314	CAL - IRVINE, U OF	IRVINE	CA	92717
001315	CAL-LOS ANGELES,U OF	LOS ANGELES	CA	90024
001316	CAL-RIVERSIDE,U OF	RIVERSIDE	CA	92521
001317	CAL-SAN DIEGO,U OF	LA JOLLA	CA	92093
001319	CAL-SAN FRANCISCO,U OF	SAN FRANCISCO	CA	94143
00132.	CAL-SANTA BARBARA,U OF	SANTA BARBARA	CA	93106
001321	CAL-SANTA CRUZ,U OF	SANTA CRUZ	CA	95064
001322	REDLANDS,UNIVERSITY OF	REDLANDS	CA	92373
001326	SANTA CLARA,UNIVERSITY OF	SANTA CLARA	CA	95053
001328	SOUTHERN CALIFORNIA,U OF	LOS ANGELES	CA	90007
001329	PACIFIC,UNIVERSITY OF THE	STOCKTON	CA	95211
001334	VENTURA COLLEGE	VENTURA	CA	93003
001335	VICTOR VALLEY COLLEGE	VICTORVILLE	CA	92392
001336	WEST COAST U MAIN CAMPUS	LOS ANGELES	CA	90020
001338	WEST VALLEY COLLEGE	SARATOGA	CA	95070
001341	WESTMONT COLLEGE	SANTA BARBARA	CA	93108
001342	WHITTIER COLLEGE	WHITTIER	CA	90608
001343	WOODBURY UNIVERSITY	LOS ANGELES	CA	90017
001344	YUBA COLLEGE	MARYSVILLE	CA	95901
001345	ADAMS STATE COLLEGE	ALAMOSA	CO	81102
001346	ARAPAHOE CMTY COLLEGE	LITTLETON	CO	80120
001347	COLORADO COLLEGE	COLORADO SPG	CO	80903
001349	NORTHERN COLORADO,U OF	GREELEY	CO	80639
001350	COLORADO STATE UNIVERSITY	FORT COLLINS	CO	80523
001351	COLORADO WOMEN'S COLLEGE	DENVER	CO	80220
001352	DENVER CONS BAPTIST SEM	DENVER	CO	80210
001353	FORT LEWIS COLLEGE	DURANGO	CO	81301
001358	MESA COLLEGE	GRAND JCT	CO	81501
001360	METROPOLITAN ST COLLEGE	DENVER	CO	80204
001361	NORTHEASTERN JR COLLEGE	STERLING	CO	80751
001362	OTERO JUNIOR COLLEGE	LA JUNTA	CO	81050
001363	REGIS COLLEGE	DENVER	CO	80221
001365	SOUTHERN COLORADO,U OF	PUEBLO	CO	81001
001368	TRINIDAD STATE JR COLLEGE	TRINIDAD	CO	81082

INSTITUTIONS IN THE HS&B POSTSECONDARY SCHOOL TRANSCRIPT SURVEY  
BY FICE CODE

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<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>
001369	US AIR FORCE ACADEMY	USAF ACADEMY	CO	80840
001370	COLORADO AT BOULDER,U OF	BOULDER	CO	80309
001371	DENVER,UNIVERSITY OF	DENVER	CO	80210
001372	WESTERN ST COLLEGE COLO	GUNNISON	CO	81230
001374	ALBERTUS MAGNUS COLLEGE	NEW HAVEN	CT	06511
001378	CENTRAL CONN ST COLLEGE	NEW BRITAIN	CT	06050
001379	CONNECTICUT COLLEGE	NEW LONDON	CT	06320
001380	WESTERN CONN ST COLLEGE	DANBURY	CT	06810
001385	FAIRFIELD UNIVERSITY	FAIRFIELD	CT	06430
001386	HARTFORD COLLEGE WOMEN	HARTFORD	CT	06105
001388	HARTFORD ST TECH COLLEGE	HARTFORD	CT	06106
001392	MANCHESTER CMTY COLLEGE	MANCHESTER	CT	06040
001397	NEW HAVEN,UNIVERSITY OF	WEST HAVEN	CT	06516
001399	NORWALK COMMUNITY COLLEGE	NORWALK	CT	06854
001401	POST COLLEGE	WATERBURY	CT	06708
001402	QUINNIPIAC COLLEGE	HAMDEN	CT	06518
001403	SACRED HEART UNIVERSITY	BRIDGEPORT	CT	06606
001406	SOUTHERN CONN ST COLLEGE	NEW HAVEN	CT	06515
001409	SAINT JOSEPH COLLEGE	WEST HARTFORD	CT	06117
001412	SAINT THOMAS SEMINARY	BLOOMFIELD	CT	06002
001414	TRINITY COLLEGE	HARTFORD	CT	06106
001415	US COAST GUARD ACADEMY	NEW LONDON	CT	06320
001416	BRIDGEPORT,UNIVERSITY OF	BRIDGEPORT	CT	06602
001422	HARTFORD,UNIVERSITY OF	WEST HARTFORD	CT	06117
001423	WATERBURY ST TECH COLLEGE	WATERBURY	CT	06708
001424	WESLEYAN UNIVERSITY	MIDDLETOWN	CT	06457
001425	EASTERN CONN ST COLLEGE	WILLIMANTIC	CT	06226
001426	YALE UNIVERSITY	NEW HAVEN	CT	06520
001427	BRANDYWINE C OF WIDENER U	WILMINGTON	DE	19803
001428	DELAWARE STATE COLLEGE	DOVER	DE	19901
001429	GOLDEY BEACOM COLLEGE	WILMINGTON	DE	19808
001431	DELAWARE,UNIVERSITY OF	NEWARK	DE	19711
001433	WESLEY COLLEGE	DOVER	DE	19901
001434	AMERICAN UNIVERSITY	WASHINGTON	DC	20016
001436	CAPITOL INST TECHNOLOGY	KENSINGTON	MD	20895
001437	CATHOLIC U OF AMERICA	WASHINGTON	DC	20064
001444	GEORGE WASH UNIVERSITY	WASHINGTON	DC	20052
001445	GEORGETOWN UNIVERSITY	WASHINGTON	DC	20057
001448	HOWARD UNIVERSITY	WASHINGTON	DC	20059
001459	STRAYER COLLEGE	WASHINGTON	DC	20005
001460	TRINITY COLLEGE	WASHINGTON	DC	20017
001466	BARRY COLLEGE	MIAMI	FL	33161
001467	BETHUNE COOKMAN COLLEGE	DAYTONA BEACH	FL	32015
001468	BISCAYNE COLLEGE	MIAMI	FL	33054
001470	BREVARD CMTY COLLEGE	COCOA	FL	32922
001471	CENTRAL FLA CMTY COLLEGE	OCALA	FL	32670
001472	CHIPOLA JUNIOR COLLEGE	MARIANNA	FL	32446
001475	DAYTONA BCH CMTY COLLEGE	DAYTONA BEACH	FL	32015
001478	EDWARD WATERS COLLEGE	JACKSONVILLE	FL	32209
001479	EMBRY-RIDDLE AERON U	BUNNELL	FL	32010
001480	FLORIDA A & M U	TALLAHASSEE	FL	32307
001481	FLORIDA ATLANTC U	BOCA RATON	FL	33431

<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>
001482	FLORIDA COLLEGE	TEMPLE TERRCE	FL	33617
001484	FLORIDA JR C JACKSONVILLE	JACKSONVILLE	FL	32202
001485	FLORIDA KEYS CMTY COLLEGE	KEY WEST	FL	33040
001486	FLORIDA MEMORIAL COLLEGE	MIAMI	FL	33054
001487	ECKERD COLLEGE	ST PETERSBURG	FL	33733
001488	FLORIDA SOUTHERN COLLEGE	LAKE LAND	FL	33802
001489	FLORIDA STATE UNIVERSITY	TALLAHASSEE	FL	32306
001490	GULF COAST CMTY COLLEGE	PANAMA CITY	FL	32401
001493	INDIAN RIVER CMTY COLLEGE	FORT PIERCE	FL	33450
001495	JACKSONVILLE UNIVERSITY	JACKSONVILLE	FL	32211
001499	JONES COLLEGE ORLANDO	ORLANDO	FL	32803
001500	BROWARD CMTY COLLEGE	FT LAUDERDALE	FL	33301
001501	LAKE CITY CMTY COLLEGE	LAKE CITY	FL	32055
001502	LAKE-SUMTER CMTY COLLEGE	LEESBURG	FL	32748
001504	MANATEE JUNIOR COLLEGE	BRADENTON	FL	33507
001506	MIAMI-DADE CMTY COLLEGE	MIAMI	FL	33176
001508	NORTH FLORIDA JR COLLEGE	MADISON	FL	32340
001510	OKALOOSA-WALTON JUNIOR C	NICEVILLE	FL	32578
001512	PALM BEACH JUNIOR COLLEGE	LAKE WORTH	FL	33461
001513	PENSACOLA JUNIOR COLLEGE	PENSACOLA	FL	32504
001514	POLK COMMUNITY COLLEGE	WINTER HAVEN	FL	33880
001515	ROLLINS COLLEGE	WINTER PARK	FL	32789
001519	SANTA FE CMTY COLLEGE	GAINESVILLE	FL	32601
001520	SEMINOLE CMTY COLLEGE	SANFORD	FL	32771
001523	SAINT JOHNS RIVER CC	PALATKA	FL	32077
001526	SAINT LEO COLLEGE	SAINT LEO	FL	33574
001528	SAINT PETERSBG JR COLLEGE	ST PETERSBURG	FL	33733
001531	STETSON UNIVERSITY	DELAND	FL	32720
001535	FLORIDA,UNIVERSITY OF	GAINESVILLE	FL	32611
001536	MIAMI,UNIVERSITY OF	CORAL GABLES	FL	33124
001537	SOUTH FLORIDA,U OF	TAMPA	FL	33620
001538	TAMPA,UNIVERSITY OF	TAMPA	FL	33606
001540	WEBBER COLLEGE	BABSON PARK	FL	33827
001541	ABRAHAM BALDWIN AGRL C	TIFTON	GA	31793
001544	ALBANY STATE COLLEGE	ALBANY	GA	31705
001546	ARMSTRONG STATE COLLEGE	SAVANNAH	GA	31406
001554	BERRY COLLEGE	MOUNT BERRY	GA	30149
001556	BRENAU COLLEGE	GAINESVILLE	GA	30501
001559	CLARK COLLEGE	ATLANTA	GA	30314
001561	COLUMBUS COLLEGE	COLUMBUS	GA	31993
001562	DEKALB COMMUNITY COLLEGE	CLARKSTON	GA	30021
001564	EMORY UNIVERSITY	ATLANTA	GA	30322
001566	FORT VALLEY STATE COLLEGE	FORT VALLEY	GA	31030
001567	GAINESVILLE JR COLLEGE	GAINESVILLE	GA	30501
001569	GEORGIA INST OF TECH MAIN CAM	ATLANTA	GA	30332
001571	GEORGIA MILITARY COLLEGE	MILLEDGEVILLE	GA	31061
001572	GEORGIA SOUTHERN COLLEGE	STATESBORO	GA	30460
001573	GEORGIA SOUTHWESTERN C	AMERICUS	GA	31709
001574	GEORGIA STATE UNIVERSITY	ATLANTA	GA	30303
001578	LA GRANGE COLLEGE	LA GRANGE	GA	30240
001580	MERCER U MAIN CAMPUS	MACON	GA	31207
001581	MIDDLE GEORGIA COLLEGE	COCHRAN	GA	31014

<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>
001582	MOREHOUSE COLLEGE	ATLANTA	GA	30314
001583	MORRIS BROWN COLLEGE	ATLANTA	GA	30314
001585	NORTH GEORGIA COLLEGE	DAHLONEGA	GA	30533
001587	PAINE COLLEGE	AUGUSTA	GA	30901
001590	SAVANNAH STATE COLLEGE	SAVANNAH	GA	31404
001592	SOUTH GEORGIA COLLEGE	DOUGLAS	GA	31533
001594	SPELMAN COLLEGE	ATLANTA	GA	30314
001595	TIFT COLLEGE	FORSYTH	GA	31029
001597	TRUETT MCCONNELL COLLEGE	CLEVELAND	GA	30528
001598	GEORGIA,UNIVERSITY OF	ATHENS	GA	30602
001599	VALDOSTA STATE COLLEGE	VALDOSTA	GA	31698
001601	WEST GEORGIA COLLEGE	CARROLLTON	GA	30118
001602	GEORGIA COLLEGE	MILLEDGEVILLE	GA	31061
001606	BRIGHAM YOUNG U-HAWA CAM	LAIE OAHU	HI	96762
001610	HAWAII AT MANOA,U OF	HONOLULU	HI	96822
001612	HAWAII HONOLULU CC,U OF	HONOLULU	HI	96817
001613	HAWAII KAPIOLANI CC,U OF	HONOLULU	HI	96814
001616	BOISE STATE UNIVERSITY	BOISE	ID	83725
001619	SOUTHERN IDAHO,COLLEGE OF	TWIN FALLS	ID	83301
001620	IDAHO STATE UNIVERSITY	POCATELLO	ID	83209
001625	RICKS COLLEGE	REXBURG	ID	83440
001626	IDAHO,UNIVERSITY OF	MOSCOW	ID	83843
001633	AUGUSTANA COLLEGE	ROCK ISLAND	IL	61201
001634	AURORA COLLEGE	AURORA	IL	60507
001635	BARAT COLLEGE	LAKE FOREST	IL	60045
001636	BELLEVILLE AREA COLLEGE	BELLEVILLE	IL	62221
001638	BLACK HAWK C QUAD-CITIES	MOLINE	IL	61265
001639	BLACKBURN COLLEGE	CARLINVILLE	IL	62626
001640	PRAIRIE STATE COLLEGE	CHICAGO HTS	IL	60411
001641	BRADLEY UNIVERSITY	PEORIA	IL	61625
001644	CENTRAL YMCA CMTY COLLEGE	CHICAGO	IL	60606
001648	CITY C CHGO TRUMAN C	CHICAGO	IL	60640
001649	CITY C CHGO R J DALEY C	CHICAGO	IL	60652
001650	CITY C CHGO MALCOLM X C	CHICAGO	IL	60612
001652	CITY C CHGO LOOP C	CHICAGO	IL	60601
001654	CITY C CHGO KENNEDY-KING	CHICAGO	IL	60621
001655	CITY C CHGO WRIGHT C	CHICAGO	IL	60634
001664	SAINT FRANCIS,COLLEGE OF	JOLIET	IL	60435
001665	COLUMBIA COLLEGE	CHICAGO	IL	60605
001666	CONCORDIA COLLEGE	RIVER FOREST	IL	60305
001669	DANVILLE AREA CMTY C	DANVILLE	IL	61832
001671	DEPAUL UNIVERSITY	CHICAGO	IL	60604
001672	DEVRY INST OF TECHNOLOGY	CHICAGO	IL	60618
001674	EASTERN ILL UNIVERSITY	CHARLESTON	IL	61920
001676	ELMHURST COLLEGE	ELMHURST	IL	60126
001678	EUREKA COLLEGE	EUREKA	IL	61530
001680	FELICIAN COLLEGE	CHICAGO	IL	60659
001683	GEORGE WILLIAMS COLLEGE	DOWNERS GROVE	IL	60515
001684	GREENVILLE COLLEGE	GREENVILLE	IL	62246
001688	ILLINOIS COLLEGE	JACKSONVILLE	IL	62650
001689	ILL COLLEGE OF OPTOMETRY	CHICAGO	IL	60616
001691	ILLINOIS INST TECHNOLOGY	CHICAGO	IL	60616

<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>
001692	ILLINOIS STATE UNIVERSITY	NORMAL	IL	61761
001693	NORTHEASTERN ILL U	CHICAGO	IL	60625
001694	CHICAGO STATE UNIVERSITY	CHICAGO	IL	60628
001696	ILL WESLEYAN UNIVERSITY	BLOOMINGTON	IL	61701
001698	JOHN MARSHALL LAW SCHOOL	CHICAGO	IL	60604
001699	JOLIET JUNIOR COLLEGE	JOLIET	IL	60436
001700	JUDSON COLLEGE	ELGIN	IL	60120
001701	KASKASKIA COLLEGE	CENTRALIA	IL	62801
001703	KENDALL COLLEGE	EVANSTON	IL	60201
001704	KNOX COLLEGE	GALESBURG	IL	61401
001705	ILLINOIS VLY CMTY COLLEGE	OGLESBY	IL	61348
001706	LAKE FOREST COLLEGE	LAKE FOREST	IL	60045
001707	LEWIS UNIVERSITY	ROMEONVILLE	IL	60441
001710	LOYOLA U OF CHICAGO	CHICAGO	IL	60611
001717	MACMURRAY COLLEGE	JACKSONVILLE	IL	62650
001718	MALLINCKRODT COLLEGE	WILMETTE	IL	60091
001721	MCCORMICK THEOLOGICAL SEM	CHICAGO	IL	60637
001724	MILLIKIN UNIVERSITY	DECATUR	IL	62522
001725	MONMOUTH COLLEGE	MONMOUTH	IL	61462
001727	MOODY BIBLE INSTITUTE	CHICAGO	IL	60610
001731	MUNDELEIN COLLEGE	CHICAGO	IL	60660
001733	NATIONAL C ED MAIN CAM	EVANSTON	IL	60201
001734	NORTH CENTRAL COLLEGE	NAPERVILLE	IL	60566
001735	NORTH PARK C & THEOL SEM	CHICAGO	IL	60625
001737	NORTHERN ILL UNIVERSITY	DE KALB	IL	60115
001739	NORTHWESTERN UNIVERSITY	EVANSTON	IL	60201
001741	OLIVET NAZARENE COLLEGE	KANKAKEE	IL	60901
001743	NATIONAL C ED URBAN CAM	CHICAGO	IL	60603
001745	QUINCY COLLEGE	QUINCY	IL	62301
001747	ROCK VALLEY COLLEGE	ROCKFORD	IL	61101
001749	ROOSEVELT UNIVERSITY	CHICAGO	IL	60605
001750	ROSARY COLLEGE	RIVER FOREST	IL	60305
001752	SAUK VALLEY COLLEGE	DIXON	IL	61021
001753	SCHOOL OF THE ART INST CHGO	CHICAGO	IL	60603
001758	SOUTHERN ILL U CARBONDALE	CARBONDALE	IL	62901
001759	SOUTHERN ILL U EDWARDSVILLE	EDWARDSVILLE	IL	62026
001761	SPRINGFLD COLLEGE IN ILL	SPRINGFIELD	IL	62702
001768	SAINT XAVIER COLLEGE	CHICAGO	IL	60655
001769	THORNTON CMTY COLLEGE	SOUTH HOLLAND	IL	60473
001771	TRINITY CHRISTIAN COLLEGE	PALOS HEIGHTS	IL	60463
001772	TRINITY COLLEGE	DEERFIELD	IL	60015
001773	TRITON COLLEGE	RIVER GROVE	IL	60171
001774	CHICAGO,UNIVERSITY OF	CHICAGO	IL	60637
001775	ILL URBANA CAMPUS,U OF	URBANA	IL	61801
001776	ILL CHICAGO CIRCLE,U OF	CHICAGO	IL	60680
001779	ILL ESTN CC WABASH VLY C	MOUNT CARMEL	IL	62863
001780	WESTERN ILL UNIVERSITY	MACOMB	IL	61455
001781	WHEATON COLLEGE	WHEATON	IL	60187
001784	ANCILLA DOMINI COLLEGE	DONALDSON	IN	46513
001785	ANDERSON COLLEGE	ANDERSON	IN	46011
001786	BALL STATE UNIVERSITY	MUNCIE	IN	47306
001787	BETHEL COLLEGE	MISHAWAKA	IN	46544



<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>
001788	BUTLER UNIVERSITY	INDIANAPOLIS	IN	46208
001792	DEPAUW UNIVERSITY	GREENCASTLE	IN	46135
001793	EARLHAM COLLEGE	RICHMOND	IN	47374
001795	EVANSVILLE,UNIVERSITY OF	EVANSVILLE	IN	47702
001800	GRACE COLLEGE	WINONA LAKE	IN	46590
001801	HANOVER COLLEGE	HANOVER	IN	47243
001804	INDIANA CEN UNIVERSITY	INDIANAPOLIS	IN	46227
001805	INDIANA INST TECHNOLOGY	FORT WAYNE	IN	46803
001809	INDIANA U BLOOMINGTON	BLOOMINGTON	IN	47405
001811	INDIANA UNIVERSITY EAST	RICHMOND	IN	47374
001812	IND-PURDUE U FORT WAYNE	FORT WAYNE	IN	46805
001813	IND-PURDUE U INDIANAPOLIS	INDIANAPOLIS	IN	46202
001815	INDIANA U NORTHWEST	GARY	IN	46408
001816	INDIANA U AT SOUTH BEND	SOUTH BEND	IN	46615
001817	INDIANA U SOUTHEAST	NEW ALBANY	IN	47150
001820	MANCHESTER COLLEGE	N MANCHESTER	IN	46962
001821	MARIAN COLLEGE	INDIANAPOLIS	IN	46222
001822	MARION COLLEGE	MARION	IN	46952
001824	OAKLAND CITY COLLEGE	OAKLAND CITY	IN	47660
001825	PURDUE U MAIN CAMPUS	W LAFAYETTE	IN	47907
001826	PURDUE U NORTH CEN CAMPUS	WESTVILLE	IN	46391
001827	PURDUE U CALUMET	HAMMOND	IN	46323
001834	CALUMET COLLEGE	WHITING	IN	46394
001836	SAINT MARY'S COLLEGE	NOTRE DAME	IN	46556
001838	TAYLOR UNIVERSITY	UPLAND	IN	46989
001839	TRI-STATE UNIVERSITY	ANGOLA	IN	46703
001840	NOTRE DAME,UNIVERSITY OF	NOTRE DAME	IN	46556
001842	VALPARAISO UNIVERSITY	VALPARAISO	IN	46383
001843	VINCENNES UNIVERSITY	VINCENNES	IN	47591
001846	BRIAR CLIFF COLLEGE	SIOUX CITY	IA	51104
001847	BUENA VISTA COLLEGE	STORM LAKE	IA	50588
001850	CENTRAL U OF IOWA	PELLA	IA	50219
001852	CLARKE COLLEGE	DUBUQUE	IA	52001
001853	CLINTON COMMUNITY COLLEGE	CLINTON	IA	52732
001854	COE COLLEGE	CEDAR RAPIDS	IA	52402
001856	CORNELL COLLEGE	MOUNT VERNON	IA	52314
001859	DORDT COLLEGE	SIOUX CENTER	IA	51250
001860	DRAKE UNIVERSITY	DES MOINES	IA	50311
001862	ELLSWORTH CMTY COLLEGE	IOWA FALLS	IA	50126
001864	IOWA LAKES CC	ESTHERVILLE	IA	51334
001865	IOWA CENTRAL CC	FORT DODGE	IA	50501
001866	GRACELAND COLLEGE	LAMONI	IA	50140
001867	GRAND VIEW COLLEGE	DES MOINES	IA	50316
001868	GRINNELL COLLEGE	GRINNELL	IA	50112
001869	IOWA STATE U	AMES	IA	50011
001873	LORAS COLLEGE	DUBUQUE	IA	52001
001874	LUTHER COLLEGE	DECORAH	IA	52101
001875	MARSHALLTWN CMTY COLLEGE	MARSHALLTOWN	IA	50158
001876	MARYCREST COLLEGE	DAVENPORT	IA	52804
001877	NORTH IOWA AREA CC	MASON CITY	IA	50401
001879	MORNINGSIDE COLLEGE	SIOUX CITY	IA	51106
001880	MOUNT MERCY COLLEGE	CEDAR RAPIDS	IA	52402



<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>
001887	SIMPSON COLLEGE	INDIANOLA	IA	50125
001889	SAINT AMBROSE COLL.	DAVENPORT	IA	52803
001890	NORTHERN IOWA, U OF	CEDAR FALLS	IA	50613
001892	IOWA, UNIVERSITY OF	IOWA CITY	IA	52242
001896	WARTBURG COLLEGE	WAVERLY	IA	50677
001899	WESTMAR COLLEGE	LE MARS	IA	51031
001900	WILLIAM PENN COLLEGE	OSKALOOSA	IA	52577
001903	BAKER UNIVERSITY	BALDWIN CITY	KS	66006
001908	CENTRAL COLLEGE	MCPHERSON	KS	67460
001910	COFFEYVL CMTY COLLEGE	COFFEYVILLE	KS	67337
001911	COLBY COMMUNITY COLLEGE	COLBY	KS	67701
001913	DODGE CTY CMTY COLLEGE	DODGE CITY	KS	67801
001914	DONNELLY COLLEGE	KANSAS CITY	KS	66102
001915	FORT HAYS ST UNIVERSITY	HAYS	KS	67601
001918	FRIENDS UNIVERSITY	WICHITA	KS	67213
001919	GARDEN CITY COMMUNITY C	GARDEN CITY	KS	67846
001920	HESSTON COLLEGE	HESSTON	KS	67062
001923	HUTCHINSON CMTY COLLEGE	HUTCHINSON	KS	67501
001925	KANSAS CITY KANS CMTY C	KANSAS CITY	KS	66112
001926	PITTSBURG ST UNIVERSITY	PITTSBURG	KS	66762
001927	EMPORIA STATE UNIVERSITY	EMPORIA	KS	66801
001928	KANSAS ST U AGR & APP SCI	MANHATTAN	KS	66506
001933	MCPHERSON COLLEGE	MCPHERSON	KS	67460
001937	OTTAWA UNIVERSITY	OTTAWA	KS	66067
001938	PRATT CMTY COLLEGE	PRATT	KS	67124
001945	STERLING COLLEGE	STERLING	KS	67579
001948	KANSAS MAIN CAMPUS, U OF	LAWRENCE	KS	66045
001949	WASHBURN U OF TOPEKA	TOPEKA	KS	66621
001951	ALICE LLOYD COLLEGE	PIPPA PASSES	KY	41844
001963	EASTERN KY UNIVERSITY	RICHMOND	KY	40475
001968	KENTUCKY STATE UNIVERSITY	FRANKFORT	KY	40601
001970	LEES JUNIOR COLLEGE	JACKSON	KY	41339
001976	MOREHEAD STATE UNIVERSITY	MOREHEAD	KY	40351
001977	MURRAY STATE UNIVERSITY	MURRAY	KY	42071
001989	KENTUCKY, UNIVERSITY OF	LEXINGTON	KY	40506
001999	LOUISVILLE, UNIVERSITY OF	LOUISVILLE	KY	40292
002002	WESTERN KY UNIVERSITY	BOWLING GREEN	KY	42101
002004	DILLARD UNIVERSITY	NEW ORLEANS	LA	70122
002005	NICHOLLS STATE UNIVERSITY	THIBODAUX	LA	70310
002006	GRAMBLING STATE U	GRAMBLING	LA	71245
002007	LOUISIANA COLLEGE	PINEVILLE	LA	71360
002008	LOUISIANA TECH UNIVERSITY	RUSTON	LA	71272
002009	LOUISIANA ST U SYS OFFICE	BATON ROUGE	LA	70803
002010	LOUISIANA ST U AND A & M C	BATON ROUGE	LA	70803
002012	LOUISIANA ST U EUNICE	EUNICE	LA	70535
002013	LOUISIANA ST U SHREVEPORT	SHREVEPORT	LA	71115
002015	NEW ORLEANS, UNIVERSITY OF	NEW ORLEANS	LA	70148
002016	LOYOLA U IN NEW ORLEANS	NEW ORLEANS	LA	70118
002017	MCNEESE STATE UNIVERSITY	LAKE CHARLES	LA	70605
002020	NORTHEAST LOUISIANA U	MONROE	LA	71209
002021	NORTHWESTERN ST U OF LA	NATCHITOCHES	LA	71457
002024	SOUTHEASTERN LA U	HAMMOND	LA	70402

<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>
002026	SOUTHERN U IN NEW ORLEANS	NEW ORLEANS	LA	70126
002029	TULANE U OF LOUISIANA	NEW ORLEANS	LA	70118
002031	SOUTHWESTERN LA, U OF	LAFAYETTE	LA	70504
002032	XAVIER UNIVERSITY OF LA	NEW ORLEANS	LA	70125
002036	BATES COLLEGE	LEWISTON	ME	04240
002038	BOWDOIN COLLEGE	BRUNSWICK	ME	04011
002039	COLBY COLLEGE	WATERVILLE	ME	04901
002040	MAINE AT FARMINGTON, U OF	FARMINGTON	ME	04938
002041	MAINE AT FORT KENT, U OF	FORT KENT	ME	04743
002043	HUSSON COLLEGE	BANGOR	ME	04401
002044	MAINE MARITIME ACADEMY	CASTINE	ME	04421
002050	NEW ENGLAND, U OF	BIDDEFORD	ME	04005
002051	SAINT JOSEPH'S COLLEGE	NORTH WINDHAM	ME	04062
002052	THOMAS COLLEGE	WATERVILLE	ME	04901
002053	MAINE AT ORONO, U OF	ORONO	ME	04473
002055	MAINE AT MACHIAS, U OF	MACHIAS	ME	04654
002057	ALLEGANY CMTY COLLEGE	CUMBERLAND	MD	21502
002058	ANNE ARUNDEL CMTY COLLEGE	ARNOLD	MD	21012
002061	BALTIMORE, CMTY COLLEGE OF	BALTIMORE	MD	21215
002062	BOWIE STATE COLLEGE	BOWIE	MD	20715
002063	CATONSVILLE CMTY COLLEGE	CATONSVILLE	MD	21228
002064	CHARLES CO CMTY COLLEGE	LA PLATA	MD	20646
002065	NOTRE DAME MD, COLLEGE OF	BALTIMORE	MD	21210
002068	COPPIN STATE COLLEGE	BALTIMORE	MD	21216
002070	ESSEX COMMUNITY COLLEGE	BALTIMORE	MD	21237
002072	FROSTBURG STATE COLLEGE	FROSTBURG	MD	21532
002073	GOUCHER COLLEGE	TOWSON	MD	21204
002074	HAGERSTOWN JUNIOR COLLEGE	HAGERSTOWN	MD	21740
002075	HARFORD COMMUNITY COLLEGE	BEL AIR	MD	21014
002076	HOOD COLLEGE	FREDERICK	MD	21701
002078	LOYOLA COLLEGE	BALTIMORE	MD	21210
002081	MONTGOMERY C TAKOMA PARK	TAKOMA PARK	MD	20912
002082	MONTGOMERY C ROCKVILLE	ROCKVILLE	MD	20850
002083	MORGAN STATE UNIVERSITY	BALTIMORE	MD	21239
002086	MOUNT SNT MARY'S COLLEGE	EMMITSBURG	MD	21727
002088	PEABODY INST OF JHU	BALTIMORE	MD	21202
002089	PRINCE GEORGES CC	LARGO	MD	20772
002091	SALISBURY STATE COLLEGE	SALISBURY	MD	21801
002095	SAINT MARY'S C OF MD	ST MARYS CY	MD	20686
002099	TOWSON STATE UNIVERSITY	BALTIMORE	MD	21204
002101	US NAVAL ACADEMY	ANNAPOLIS	MD	21402
002103	MARYLAND COLLEGE PARK CAM, U OF	COLLEGE PARK	MD	20742
002105	MARYLAND BALT CO CAM, U OF	CATONSVILLE	MD	21228
002106	MARYLAND EASTERN SHORE, U OF	PRINCESS ANNE	MD	21853
002108	WASHINGTON COLLEGE	CHESTERTOWN	MD	21620
002114	AMERICAN INTRNATL COLLEGE	SPRINGFIELD	MA	01109
002115	AMHERST COLLEGE	AMHERST	MA	01002
002120	MERRIMACK COLLEGE	NORTH ANDOVER	MA	01845
002121	BABSON COLLEGE	BABSON PARK	MA	02157
002122	BAY PATH JUNIOR COLLEGE	LONGMEADOW	MA	01106
002123	BECKER JC	WORCESTER	MA	01609
002126	BERKLEE COLLEGE OF MUSIC	BOSTON	MA	02215

<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>
002128	BOSTON COLLEGE	CHESTNUT HILL	MA	02167
002129	BOSTON CONSV OF MUSIC	BOSTON	MA	02215
002130	BOSTON UNIVERSITY	BOSTON	MA	02215
002138	CHAMBERLAYNE JR COLLEGE	BOSTON	MA	02116
002139	CLARK UNIVERSITY	WORCESTER	MA	01610
002141	HOLY CROSS, COLLEGE OF THE	WORCESTER	MA	01610
002143	CURRY COLLEGE	MILTON	MA	02186
002145	EASTERN NAZARENE COLLEGE	WOLLASTON	MA	02170
002146	EMERSON COLLEGE	BOSTON	MA	02116
002147	EMMANUEL COLLEGE	BOSTON	MA	02115
002148	ENDICOTT COLLEGE	BEVERLY	MA	01915
002154	HELLENIC C-HOLY CROSS SCH	BROOKLINE	MA	02146
002155	HARVARD UNIVERSITY	CAMBRIDGE	MA	02138
002158	LASELL JUNIOR COLLEGE	NEWTON	MA	02166
002161	LOWELL, UNIVERSITY OF	LOWELL	MA	01854
002167	BERKSHIRE CMTY COLLEGE	PITTSFIELD	MA	01201
002168	CAPE COD CMTY COLLEGE	W BARNSTABLE	MA	02668
002169	GREENFIELD CMTY COLLEGE	GREENFIELD	MA	01301
002170	HOLYOKE COMMUNITY COLLEGE	HOLYOKE	MA	01040
002171	MASS BAY CMTY COLLEGE	WELLESLEY	MA	02181
002173	NORTH SHORE CMTY COLLEGE	BEVERLY	MA	01915
002174	NORTHERN ESSEX C C	HAVERHILL	MA	01830
002176	BRISTOL COMMUNITY COLLEGE	FALL RIVER	MA	02720
002177	MASSASOIT CMTY COLLEGE	BROCKTON	MA	02402
002178	MASS INST OF TECHNOLOGY	CAMBRIDGE	MA	02139
002181	MASS MARITIME ACADEMY	BUZZARDS BAY	MA	02532
002183	BRIDGEWATER STATE COLLEGE	BRIDGEWATER	MA	02324
002185	FRAMINGHAM STATE COLLEGE	FRAMINGHAM	MA	01701
002187	NORTH ADAMS STATE COLLEGE	NORTH ADAMS	MA	01247
002190	WORCESTER STATE COLLEGE	WORCESTER	MA	01602
002192	MOUNT HOLYOKE COLLEGE	SOUTH HADLEY	MA	01075
002193	MOUNT IDA JUNIOR COLLEGE	NEWTON CENTRE	MA	02159
002194	NEW ENG CONSV OF MUSIC	BOSTON	MA	02115
002197	NICHOLS COLLEGE	DUDLEY	MA	01570
002199	NORTHEASTERN UNIVERSITY	BOSTON	MA	02115
002206	REGIS COLLEGE	WESTON	MA	02193
002208	SIMMONS COLLEGE	BOSTON	MA	02115
002209	SMITH COLLEGE	NORTHAMPTON	MA	01063
002210	SOUTHEASTERN MASS U	N DARTMOUTH	MA	02747
002211	SPRINGFIELD COLLEGE	SPRINGFIELD	MA	01109
002214	SAINT JOHN'S SEMINARY	BRIGHTON	MA	02135
002217	STONEHILL COLLEGE	NORTH EASTON	MA	02356
002218	SUFFOLK UNIVERSITY	BOSTON	MA	02108
002219	TUFTS UNIVERSITY	MEDFORD	MA	02155
002221	MASS AMHERST CAMPUS, U OF	AMHERST	MA	01003
002222	MASS BOSTON CAMPUS, U OF	BOSTON	MA	02116
002224	WELLESLEY COLLEGE	WELLESLEY	MA	02181
002226	WESTERN NEW ENG COLLEGE	SPRINGFIELD	MA	01119
002227	WHEATON COLLEGE	NORTON	MA	02766
002229	WILLIAMS COLLEGE	WILLIAMSTOWN	MA	01267
002233	WORCESTER POLY INSTITUTE	WORCESTER	MA	01609
002234	ADRIAN COLLEGE	ADRIAN	MI	49221

<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>
002235	ALBION COLLEGE	ALBION	MI	49224
002236	ALMA COLLEGE	ALMA	MI	48801
002238	ANDREWS UNIVERSITY	BERRIEN SPG	MI	49104
002239	AQUINAS COLLEGE	GRAND RAPIDS	MI	49506
002241	CALVIN COLLEGE	GRAND RAPIDS	MI	49506
002243	CENTRAL MICH UNIVERSITY	MT PLEASANT	MI	48859
002247	CONCORDIA COLLEGE	ANN ARBOR	MI	48105
002249	DAVENPORT COLLEGE OF BUS	GRAND RAPIDS	MI	49503
002251	DELTA COLLEGE	UNIV CTR	MI	48710
002252	WILLIAM TYNDALE COLLEGE	FARMINGTN HLS	MI	48018
002253	DETROIT C OF BUS ADMIN	DEARBORN	MI	48126
002259	EASTERN MICH UNIVERSITY	YPSILANTI	MI	48197
002260	FERRIS STATE COLLEGE	BIG RAPIDS	MI	49307
002261	MOTT, CHARLES C C	FLINT	MI	48503
002262	GENERAL MOTORS INSTITUTE	FLINT	MI	48502
002266	GRAND RAPIDS BAPT C	GRAND RAPIDS	MI	49505
002267	GRAND RAPIDS JR COLLEGE	GRAND RAPIDS	MI	49503
002268	GRAND VALLEY ST COLLEGES	ALLENDAL	MI	49401
002270	HENRY FORD CMTY COLLEGE	DEARBORN	MI	48128
002272	HILLSDALE COLLEGE	HILLSDALE	MI	49242
002274	JACKSON COMMUNITY COLLEGE	JACKSON	MI	49201
002275	KALAMAZOO COLLEGE	KALAMAZOO	MI	49007
002276	KELLOGG COMMUNITY COLLEGE	BATTLE CREEK	MI	49016
002278	LANSING COMMUNITY COLLEGE	LANSING	MI	48901
002279	LAWRENCE INST TECHNOLOGY	SOUTHFIELD	MI	48075
002282	MADONNA COLLEGE	LIVONIA	MI	48150
002286	MERCY COLLEGE OF DETROIT	DETROIT	MI	48219
002288	MICH CHRISTIAN COLLEGE	ROCHESTER	MI	48063
002290	MICHIGAN STATE UNIVERSITY	EAST LANSING	MI	48824
002292	MICHIGAN TECHNOLOGICAL U	HOUGHTON	MI	49931
002296	MUSKEGON BUSINESS COLLEGE	MUSKEGON	MI	49442
002297	MUSKEGON CMTY COLLEGE	MUSKEGON	MI	49442
002301	NORTHERN MICH UNIVERSITY	MARQUETTE	MI	49855
002302	NORTHWESTERN MICH COLLEGE	TRAVERSE CITY	MI	49684
002307	OAKLAND UNIVERSITY	ROCHESTER	MI	48063
002308	OLIVET COLLEGE	OLIVET	MI	49076
002310	SAINT CLAIR CO C C	PORT HURON	MI	48060
002311	REFORMED BIBLE COLLEGE	GRAND RAPIDS	MI	49506
002313	SACRED HEART SEMINARY C	DETROIT	MI	48206
002314	SAGINAW VLY STATE COLLEGE	UNIV CTR	MI	48710
002315	SCHOOLCRAFT COLLEGE	LIVONIA	MI	48152
002317	SOUTHWESTERN MICH COLLEGE	DOWAGIAC	MI	49047
002318	SPRING ARBOR COLLEGE	SPRING ARBOR	MI	49283
002323	DETROIT, UNIVERSITY OF	DETROIT	MI	48221
002325	MICHIGAN CEN OFFICE, U OF	ANN ARBOR	MI	48109
002326	MICHIGAN-DEARBORN, U OF	DEARBORN	MI	48128
002327	MICHIGAN-FLINT, U OF	FLINT	MI	48503
002329	WAYNE STATE UNIVERSITY	DETROIT	MI	48202
002330	WESTERN MICH UNIVERSITY	KALAMAZOO	MI	49008
002332	ANOKA-RAMSEY CMTY COLLEGE	COON RAPIDS	MN	55433
002334	AUGSBURG COLLEGE	MINNEAPOLIS	MN	55454
002336	BEMIDJI STATE U	BEMIDJI	MN	56601

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002337	BETHANY LUTHERAN COLLEGE	MANKATO	MN	56001
002339	BRAINERD CNTY COLLEGE	BRAINERD	MN	56401
002340	CARLETON COLLEGE	NORTHFIELD	MN	55057
002341	SAINT BENEDICT, COLLEGE OF	SAINT JOSEPH	MN	56374
002342	SAINT CATHERINE, C OF	SAINT PAUL	MN	55105
002345	SAINT THOMAS, COLLEGE OF	SAINT PAUL	MN	55105
002346	CONCORDIA C	MOORHEAD	MN	56560
002347	CONCORDIA C-SAINT PAUL	SAINT PAUL	MN	55104
002353	GUSTAVUS ADOLPHUS COLLEGE	SAINT PETER	MN	56082
002360	MANKATO STATE UNIVERSITY	MANKATO	MN	56001
002362	MINNEAPOLIS CNTY COLLEGE	MINNEAPOLIS	MN	55403
002365	MINNEAPOLIS COLLEGE OF ART & DESIGN	MINNEAPOLIS	MN	55404
002367	MOORHEAD STATE UNIVERSITY	MOORHEAD	MN	56560
002369	NORTH CN BIBLE COLLEGE	MINNEAPOLIS	MN	55404
002370	NORTH HENNEPIN C C	BROOKLYN PARK	MN	55445
002371	NORTHWESTERN COLLEGE	ROSEVILLE	MN	55113
002373	ROCHESTER CNTY COLLEGE	ROCHESTER	MN	55901
002377	SAINT CLOUD ST UNIVERSITY	SAINT CLOUD	MN	56301
002379	SAINT JOHN'S UNIVERSITY	COLLEGEVILLE	MN	56321
002380	SAINT MARY'S COLLEGE	WINONA	MN	55987
002382	SAINT OLAF COLLEGE	NORTHFIELD	MN	55057
002383	SAINT PAUL BIBLE COLLEGE	BIBLE COLLEGE	MN	55375
002387	MINNESOTA CN OFFICE, U OF	MINNEAPOLIS	MN	55455
002388	MINNESOTA DULUTH, U OF	DULUTH	MN	55812
002394	WINONA STATE UNIVERSITY	WINONA	MN	55987
002396	ALCORN STATE UNIVERSITY	LORMAN	MS	39096
002398	BLUE MOUNTAIN COLLEGE	BLUE MOUNTAIN	MS	38610
002402	COPIAH-LINCOLN JR COLLEGE	WESSON	MS	39191
002407	HINDS JUNIOR COLLEGE	RAYMOND	MS	39154
002410	JACKSON STATE UNIVERSITY	JACKSON	MS	39217
002411	JONES CO JUNIOR COLLEGE	ELLISVILLE	MS	39437
002413	MERIDIAN JUNIOR COLLEGE	MERIDIAN	MS	39301
002414	HILLSAPS COLLEGE	JACKSON	MS	39210
002415	MISSISSIPPI COLLEGE	CLINTON	MS	39058
002418	MISS GULF CST JC JACKSON	GAUTIER	MS	39553
002423	MISSISSIPPI ST UNIVERSITY	MISS STATE	MS	39762
002424	MISS VLY ST UNIVERSITY	ITTA BENA	MS	38941
002426	NORTHEAST MISS JR COLLEGE	BOONEVILLE	MS	38829
002427	NORTHWEST MISS JR COLLEGE	SENATOBIA	MS	38668
002430	PEARL RIVER JR COLLEGE	POPLARVILLE	MS	39470
002433	RUST COLLEGE	HOLLY SPRINGS	MS	38635
002439	TOUGALOO COLLEGE	TOUGALOO	MS	39174
002440	MISSISSIPPI MAIN CAM, U OF	UNIVERSITY	MS	38677
002441	SOUTHERN MISSISSIPPI, U OF	HATTIESBURG	MS	39406
002445	UTICA JUNIOR COLLEGE	UTICA	MS	39175
002448	WOOD JUNIOR COLLEGE	MATHISTON	MS	39752
002449	AVILA COLLEGE	KANSAS CITY	MO	64145
002450	CALVARY BIBLE COLLEGE	KANSAS CITY	MO	64147
002454	CENTRAL MO ST UNIVERSITY	WARRENSBURG	MO	64093
002458	COTTEY COLLEGE	NEVADA	MO	64772
002463	EVANGEL COLLEGE	SPRINGFIELD	MO	65802
002464	FONTBONNE COLLEGE	SAINT LOUIS	MO	63105

<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>
002470	SAINT LOUIS C C FLORISSANT VALLEY	SAINT LOUIS	MO	63135
002471	SAINT LOUIS C C FOREST PARK	SAINT LOUIS	MO	63110
002472	SAINT LOUIS CC-MERAMEC	KIRKWOOD	MO	63122
002479	LINCOLN UNIVERSITY	JEFFERSON CY	MO	65101
002482	MARYVILLE C-SAINT LOUIS	SAINT LOUIS	MO	63141
002484	PENN VALLEY CMTY COLLEGE	KANSAS CITY	MO	64111
002486	MINERAL AREA COLLEGE	FLAT RIVER	MO	63601
002489	MISSOURI VALLEY COLLEGE	MARSHALL	MO	65340
002490	MISSOURI WSTN ST COLLEGE	SAINT JOSEPH	MO	64507
002491	MOBERLY JUNIOR COLLEGE	MOBERLY	MO	65270
002495	NORTHEAST MO ST U	KIRKSVILLE	MO	63501
002496	NORTHWEST MO ST U	MARYVILLE	MO	64468
002499	ROCKHURST COLLEGE	KANSAS CITY	MO	64110
002500	OZARKS, SCHOOL OF THE	POINT LOOKOUT	MO	65726
002501	SOUTHEAST MO ST U	CPE GIRARDEAU	MO	63701
002502	SOUTHWEST BAPTIST U	BOLIVAR	MO	65613
002503	SOUTHWEST MO ST U	SPRINGFIELD	MO	65802
002504	SAINT LOUIS C OF PHARM	SAINT LOUIS	MO	63110
002506	SAINT LOUIS U MAIN CAMPUS	SAINT LOUIS	MO	63103
002512	STEPHENS COLLEGE	COLUMBIA	MO	65201
002513	TARKIO COLLEGE	TARKIO	MO	64491
002516	MISSOURI-COLUMBIA, U OF	COLUMBIA	MO	65211
002517	MISSOURI-ROLLA, U OF	ROLLA	MO	65401
002518	MISSOURI-KANSAS CITY, U OF	KANSAS CITY	MO	64110
002519	MISSOURI-SAINT LOUIS, U OF	SAINT LOUIS	MO	63121
002520	WASHINGTON UNIVERSITY	SAINT LOUIS	MO	63130
002524	WILLIAM JEWELL COLLEGE	LIBERTY	MO	64068
002525	WILLIAM WOODS COLLEGE	FULTON	MO	65251
002527	GREAT FALLS, COLLEGE OF	GREAT FALLS	MT	59405
002531	MONTANA C MINRL SCI-TECHN	BUTTE	MT	59701
002532	MONTANA STATE UNIVERSITY	BOZEMAN	MT	59717
002536	MONTANA, UNIVERSITY OF	MISSOULA	MT	59812
002537	WESTERN MONTANA COLLEGE	DILLON	MT	59725
002539	CHADRON STATE COLLEGE	CHADRON	NE	69337
002542	CREIGHTON UNIVERSITY	OMAHA	NE	68178
002543	DANA COLLEGE	BLAIR	NE	68008
002547	GRACE C OF THE BIBLE	OMAHA	NE	68108
002548	HASTINGS COLLEGE	HASTINGS	NE	68901
002551	KEARNEY STATE COLLEGE	KEARNEY	NE	68847
002552	MCCOOK COMMUNITY COLLEGE	MCCOOK	NE	69001
002553	MIDLAND LUTHERAN COLLEGE	FREMONT	NE	68025
002554	NEBRASKA AT OMAHA, U OF	OMAHA	NE	68182
002559	PERU STATE COLLEGE	PERU	NE	68421
002565	NEBRASKA-LINCOLN, U OF	LINCOLN	NE	68588
002566	WAYNE STATE COLLEGE	WAYNE	NE	68787
002567	YORK COLLEGE	YORK	NE	68467
002568	NEVADA RENO, U OF	RENO	NV	89557
002569	NEVADA AT LAS VEGAS, U OF	LAS VEGAS	NV	89154
002573	DARTMOUTH COLLEGE	HANOVER	NH	03755
002579	NEW ENGLAND COLLEGE	HENNIKER	NH	03242
002580	NEW HAMPSHIRE COLLEGE	MANCHESTER	NH	03104
002587	SAINT ANSELM COLLEGE	MANCHESTER	NH	03102



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002589	NEW HAMPSHIRE,U OF	DURHAM	NH	03824
002590	NEW HAMPSHIRE KEENE ST C, U OF	KEENE	NH	03431
002591	NEW HAMPSHIRE PLYMOUTH ST C, U OF	PLYMOUTH	NH	03264
002599	CENTENARY COLLEGE	HACKETTSTOWN	NJ	07840
002602	DON BOSCO COLLEGE	NEWTON	NJ	07860
002603	DREW UNIVERSITY	MADISON	NJ	07940
002604	FARLGH DCKSN U RUTHERFD	RUTHERFORD	NJ	07070
002605	FARLGH DCKSN U EDW WMS C	HACKENSACK	NJ	07601
002607	FARLGH DCKSN TEANECK CAM	TEANECK	NJ	07666
002608	GEORGIAN COURT COLLEGE	LAKEWOOD	NJ	08701
002609	GLASSBORO STATE COLLEGE	GLASSBORO	NJ	08028
002610	FELICIAN COLLEGE	LODI	NJ	07644
002613	JERSEY CITY STATE COLLEGE	JERSEY CITY	NJ	07305
002615	MIDDLESEX COUNTY COLLEGE	EDISON	NJ	08818
002616	MONMOUTH COLLEGE	W LONG BRANCH	NJ	07764
002617	MONTCLAIR STATE COLLEGE	UPR MONTCLAIR	NJ	07043
002621	NEW JERSEY INST TECH	NEWARK	NJ	07102
002622	KEAN C OF NEW JERSEY	UNION	NJ	07083
002624	OCEAN COUNTY COLLEGE	TOMS RIVER	NJ	08753
002625	WILLIAM PATERSON COLLEGE	WAYNE	NJ	07470
002627	PRINCETON UNIVERSITY	PRINCETON	NJ	08544
002628	RIDER COLLEGE	LAWRENCEVILLE	NJ	08648
002629	RUTGERS THE ST U CEN OFF	NEW BRUNSWICK	NJ	08903
002631	RUTGERS U NEWARK CAMPUS	NEWARK	NJ	07102
002632	SETON HALL UNIVERSITY	SOUTH ORANGE	NJ	07079
002638	SAINT PETERS COLLEGE	JERSEY CITY	NJ	07306
002639	STEVENS INST TECHNOLOGY	HOBOKEN	NJ	07030
002642	TRENTON STATE COLLEGE	TRENTON	NJ	08625
002643	UNION COLLEGE	CRANFORD	NJ	07016
002646	WESTMINSTER CHOIR COLLEGE	PRINCETON	NJ	08540
002651	EASTERN NM U MAIN CAMPUS	PORTALES	NM	88130
002653	NEW MEXICO HIGHLANDS U	LAS VEGAS	NM	87701
002654	NEW MEXICO INST OF MINING & TECH	SOCORRO	NM	87801
002657	NEW MEXICO ST U MAIN CAM	LAS CRUCES	NM	88003
002661	EASTERN NM U ROSWELL	ROSWELL	NM	88201
002662	ALBUQUERQUE,UNIVERSITY OF	ALBUQUERQUE	NM	87140
002663	NEW MEXICO ALL CAM, U OF	ALBUQUERQUE	NM	87131
002664	WESTERN NM UNIVERSITY	SILVER CITY	NM	88061
002666	ADELPHI UNIVERSITY	GARDEN CITY	NY	11530
002668	ALFRED UNIVERSITY	ALFRED	NY	14802
002670	BAPT BIBLE C-SCH THEOL	CLARKS SUMMIT	PA	18411
002671	BARD COLLEGE	ANNANDLE-HDSN	NY	12504
002681	CANISIUS COLLEGE	BUFFALO	NY	14208
002682	CATHEDRAL C IMMAC CONCEP	DOUGLASTON	NY	11362
002686	CUNY SYS OFFICE	NEW YORK	NY	10021
002687	CUNY BROOKLYN COLLEGE	BROOKLYN	NY	11210
002688	CUNY CITY COLLEGE	NEW YORK	NY	10031
002689	CUNY HUNTER COLLEGE	NEW YORK	NY	10021
002690	CUNY QUEENS COLLEGE	FLUSHING	NY	11367
002691	CUNY BORO OF MANHATTAN CC	NEW YORK	NY	10019
002692	CUNY BRONX CMTY COLLEGE	BRONX	NY	10453
002693	CUNY JOHN JAY C CRIM JUST	NEW YORK	NY	10019



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002694	CUNY KINGSBOROUGH CC	BROOKLYN	NY	11235
002696	CUNY NYC TECH C	BROOKLYN	NY	11201
002697	CUNY QUEENSBOROUGH CC	NEW YORK	NY	11364
002699	CLARKSON COLLEGE OF TECHN	POTSDAM	NY	13676
002701	COLGATE UNIVERSITY	HAMILTON	NY	13346
002703	MOUNT SAINT VINCENT, C OF	RIVERDALE	NY	10471
002704	NEW ROCHELLE, COLLEGE OF	NEW ROCHELLE	NY	10801
002705	SAINT ROSE, COLLEGE OF	ALBANY	NY	12203
002707	COLUMBIA U MAIN DIVISION	NEW YORK	NY	10027
002708	BARNARD COLLEGE	NEW YORK	NY	10027
002711	CORNEL U ENDOWED COLLEGES	ITHACA	NY	14853
002713	DOMINICAN C OF BLAUVELT	ORANGEBURG	NY	10962
002717	ELIZABETH SETON COLLEGE	YONKERS	NY	10701
002718	ELMIRA COLLEGE	ELMIRA	NY	14901
002722	FORDHAM UNIVERSITY	BRONX	NY	10458
002728	HAMILTON COLLEGE	CLINTON	NY	13323
002729	HARTWICK COLLEGE	ONEONTA	NY	13820
002731	HOBART-WM SMITH COLLEGES	GENEVA	NY	14456
002732	HOFSTRA UNIVERSITY	HEMPSTEAD	NY	11550
002734	HOUGHTON COLLEGE	HOUGHTON	NY	14744
002735	HILBERT COLLEGE	HAMBURG	NY	14075
002737	IONA COLLEGE	NEW ROCHELLE	NY	10801
002739	ITHACA COLLEGE	ITHACA	NY	14850
002742	JUILLIARD SCHOOL, THE	NEW YORK	NY	10023
002748	LE MOYNE COLLEGE	SYRACUSE	NY	13214
002751	LONG IS U CENTRAL OFFICE	GREENVALE	NY	11548
002754	LONG IS U, C W POST CEN	GREENVALE	NY	11548
002758	MANHATTAN COLLEGE	BRONX	NY	10471
002764	MARIA REGINA COLLEGE	SYRACUSE	NY	13208
002765	MARIST COLLEGE	POUGHKEEPSIE	NY	12601
002768	MARYMOUNT COLLEGE	TARRYTOWN	NY	10591
002769	MARYMOUNT MANHATTAN C	NEW YORK	NY	10021
002772	MERCY COLLEGE	DOBBS FERRY	NY	10522
002775	MOLLOY COLLEGE	ROCKVILLE CTR	NY	11570
002778	MOUNT SAINT MARY COLLEGE	NEWBURGH	NY	12550
002780	NEW SCH FOR SOC RESEARCH	NEW YORK	NY	10011
002782	NEW YORK INST TECH NYC CAM	NEW YORK	NY	10023
002783	NEW YORK LAW SCHOOL	NEW YORK	NY	10013
002785	NEW YORK UNIVERSITY	NEW YORK	NY	10276
002788	NIAGARA UNIVERSITY	NIAGARA UNIV	NY	14109
002791	PACE UNIVERSITY NEW YORK	NEW YORK	NY	10038
002792	PACE U PLSNTVL-BRCLF CAM	PLEASANTVILLE	NY	10570
002793	PARSONS SCHOOL OF DESIGN	NEW YORK	NY	10011
002795	PAUL SMITH'S C ARTS & SCI	PAUL SMITHS	NY	12970
002805	ROBERTS WESLEYAN COLLEGE	ROCHESTER	NY	14624
002806	ROCHESTER INST TECHNOLOGY	ROCHESTER	NY	14623
002808	DAEMEN COLLEGE	AMHERST	NY	14226
002810	RUSSELL SAGE C MAIN CAM	TROY	NY	12180
002811	RUSSELL SAGE JC OF ALBANY	ALBANY	NY	12208
002814	SKIDMORE COLLEGE	SARATOGA SPG	NY	12866
002816	SIENA COLLEGE	LOUDONVILLE	NY	12211
002817	SAINT BONAVENTURE U	ST BONVENTURE	NY	14778

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002820	SAINT FRANCIS COLLEGE	BROOKLYN	NY	11201
002821	SAINT JOHN FISHER COLLEGE	ROCHESTER	NY	14618
002823	SAINT JOHN'S UNIVERSITY	JAMAICA	NY	11439
002829	SAINT LAWRENCE UNIVERSITY	CANTON	NY	13617
002835	SUNY AT ALBANY	ALBANY	NY	12222
002836	SUNY AT BINGHAMTON	BINGHAMTON	NY	13901
002837	SUNY COLLEGE AT BUFFALO	BUFFALO	NY	14214
002838	SUNY AT STONY BK MAIN CAM	STONY BROOK	NY	11794
002839	SUNY DOWNSTATE MEDL CTR	BROOKLYN	NY	11203
002841	SUNY COLLEGE AT BROCKPORT	BROCKPORT	NY	14420
002842	SUNY COLLEGE AT BUFFALO	BUFFALO	NY	14222
002843	SUNY COLLEGE AT CORTLAND	CORTLAND	NY	13045
002844	SUNY COLLEGE AT FREDONIA	FREDONIA	NY	14063
002845	SUNY COLLEGE AT GENESEO	GENESEO	NY	14454
002846	SUNY COLLEGE AT NEW PALTZ	NEW PALTZ	NY	12562
002847	SUNY COLLEGE AT ONEONTA	ONEONTA	NY	13820
002848	SUNY COLLEGE AT OSWEGO	OSWEGO	NY	13126
002849	SUNY COLLEGE PLATTSBURGH	PLATTSBURGH	NY	12901
002850	SUNY COLLEGE AT POTSDAM	POTSDAM	NY	13676
002851	SUNY C ENVRNMTL SCI-FORS	SYRACUSE	NY	13210
002854	SUNY AGRL & TECH C ALFRED	ALFRED	NY	14802
002855	SUNY-CANTON AGRL & TECH COLLEGE	CANTON	NY	13617
002856	SUNY AGRL TECH C COBLESKL	COBLESKILL	NY	12043
002857	SUNY AGRL & TECH C DELHI	DELHI	NY	13753
002858	SUNY AGRL TECH C FARMNGDL	FARMINGDALE	NY	11735
002859	SUNY AGRL TECH C MORRISVL	MORRISVILLE	NY	13408
002862	BROOME COMMUNITY COLLEGE	BINGHAMTON	NY	13902
002863	CORNING COMMUNITY COLLEGE	CORNING	NY	14830
002865	ERIE CC NORTH CAMPUS	WILLIAMSVILLE	NY	14221
002866	FASHION INST TECHNOLOGY	NEW YORK	NY	10001
002867	FULTON-MONTGOMERY CC	JOHNSTOWN	NY	12095
002868	HUDSON VLY CMTY COLLEGE	TROY	NY	12180
002870	JEFFERSON CMTY COLLEGE	WATERTOWN	NY	13601
002871	MOHAWK VLY CMTY COLLEGE	UTICA	NY	13501
002872	MONROE COMMUNITY COLLEGE	ROCHESTER	NY	14623
002873	NASSAU COMMUNITY COLLEGE	GARDEN CITY	NY	11530
002874	NIAGARA CO CMTY COLLEGE	SANBORN	NY	14132
002875	ONONDAGA CMTY COLLEGE	SYRACUSE	NY	13215
002876	ORANGE CO CMTY COLLEGE	MIDDLETOWN	NY	10940
002877	ROCKLAND CMTY COLLEGE	SUFFERN	NY	10901
002878	SUFFOLK CO CC SELDEN CAM	SELDEN	NY	11784
002879	SULLIVAN CO CMTY COLLEGE	LOCH SHELDRAKE	NY	12759
002880	ULSTER CO CMTY COLLEGE	STONE RIDGE	NY	12484
002881	WESTCHESTER CMTY COLLEGE	VALHALLA	NY	10595
002882	SYRACUSE U MAIN CAMPUS	SYRACUSE	NY	13210
002883	UTICA C OF SYRACUSE U	UTICA	NY	13502
002889	UNION COLLEGE	SCHENECTADY	NY	12308
002893	US MILITARY ACADEMY	WEST POINT	NY	10996
002894	ROCHESTER, UNIVERSITY OF	ROCHESTER	NY	14627
002895	VASSAR COLLEGE	POUGHKEEPSIE	NY	12601
002896	VILLA MARIA COLLEGE BFLO	BUFFALO	NY	14225
002899	WAGNER COLLEGE	STATEN ISLAND	NY	10301

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002901	WELLS COLLEGE	AURORA	NY	13026
002903	YESHIVA UNIVERSITY	NEW YORK	NY	10033
002905	NC AGRL & TECH STATE U	GREENSBORO	NC	27411
002906	APPALACHIAN ST UNIVERSITY	BOONE	NC	28608
002907	NC AT ASHEVILLE,U OF	ASHEVILLE	NC	28814
002908	ATLANTIC CHRISTIAN C	WILSON	NC	27893
002909	BARBER-SCOTIA COLLEGE	CONCORD	NC	28025
002910	BELMONT ABBEY COLLEGE	BELMONT	NC	28012
002911	BENNETT COLLEGE	GREENSBORO	NC	27420
002912	BREVARD COLLEGE	BREVARD	NC	28712
002913	CAMPBELL UNIVERSITY	BUIES CREEK	NC	27506
002915	CENTRAL PIEDMONT C C	CHARLOTTE	NC	28235
002916	CHOWAN COLLEGE	MURFREESBORO	NC	27855
002918	DAVIDSON COLLEGE	DAVIDSON	NC	28036
002919	DAVIDSON CO CMTY COLLEGE	LEXINGTON	NC	27292
002920	DUKE UNIVERSITY	DURHAM	NC	27706
002923	EAST CAROLINA UNIVERSITY	GREENVILLE	NC	27834
002926	ELIZABETH CITY STATE U	ELIZABETH CY	NC	27909
002927	ELON COLLEGE	ELON COLLEGE	NC	27244
002928	FAYETTEVILLE ST U	FAYETTEVILLE	NC	28301
002929	GARDNER-WEBB COLLEGE	BOILING SPG	NC	28017
002931	GUILFORD COLLEGE	GREENSBORO	NC	27410
002936	JOHNSON C SMITH U	CHARLOTTE	NC	28216
002937	KING'S C-CHARLOTTE	CHARLOTTE	NC	28204
002939	LEES-MCRAE COLLEGE	BANNER ELK	NC	28604
002940	LENOIR CMTY COLLEGE	KINSTON	NC	28501
002941	LENOIR-RHYNE COLLEGE	HICKORY	NC	28603
002942	LIVINGSTONE COLLEGE	SALISBURY	NC	28144
002944	MARS HILL COLLEGE	MARS HILL	NC	28754
002945	MEREDITH COLLEGE	RALEIGH	NC	27611
002946	METHODIST COLLEGE	FAYETTEVILLE	NC	28301
002947	MITCHELL CMTY COLLEGE	STATESVILLE	NC	28677
002950	NC CENTRAL UNIVERSITY	DURHAM	NC	27707
002951	NC WESLEYAN COLLEGE	ROCKY MOUNT	NC	27801
002955	PFEIFFER COLLEGE	MISENHEIMER	NC	28109
002956	PIEDMONT BIBLE COLLEGE	WINSTON-SALEM	NC	27101
002959	SACRED HEART COLLEGE	BELMONT	NC	28012
002962	SHAW UNIVERSITY	RALEIGH	NC	27611
002967	SAINT ANDREWS PRESB C	LAURINBURG	NC	28352
002968	SAINT AUGUSTINES COLLEGE	RALEIGH	NC	27611
002970	SURRY COMMUNITY COLLEGE	DOBSON	NC	27017
002971	U NC GEN ADMIN CEN OFFICE	CHAPEL HILL	NC	27514
002972	NC STATE U RALEIGH	RALEIGH	NC	27650
002973	GASTON COLLEGE	DALLAS	NC	28034
002974	NC AT CHAPEL HILL,U OF	CHAPEL HILL	NC	27514
002975	NC AT CHARLOTTE,U OF	CHARLOTTE	NC	28223
002976	NC AT GREENSBORO,U OF	GREENSBORO	NC	27412
002978	WAKE FOREST UNIVERSITY	WINSTON-SALEM	NC	27109
002979	WARREN WILSON COLLEGE	SWANNANOA	NC	28778
002981	WESTERN CAROLINA U	CULLOWHEE	NC	28723
002982	WESTERN PIEDMONT CC	MORGANTON	NC	28655
002983	WILKES COMMUNITY COLLEGE	WILKESBORO	NC	28697

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002984	NC AT WILMINGTON,U OF	WILMINGTON	NC	28403
002985	WINGATE COLLEGE	WINGATE	NC	28174
002986	WINSTON-SALEM STATE U	WINSTON-SALEM	NC	27102
002988	BISMARCK JUNIOR COLLEGE	BISMARCK	ND	58501
002991	LAKE REGION CMTY COLLEGE	DEVILS LAKE	ND	58301
002994	MINOT STATE COLLEGE	MINOT	ND	58701
002996	ALASKA U SOUTHEASTERN ALL CAM	WAHPETON	ND	58075
002997	ND STATE U CENTRAL OFFICE	FARGO	ND	58105
002998	NORTHWEST BIBLE COLLEGE	MINOT	ND	58701
003005	UNIV OF ND	GRAND FORKS	ND	58202
003008	VALLEY CITY STATE COLLEGE	VALLEY CITY	ND	58072
003012	ASHLAND COLLEGE	ASHLAND	OH	44805
003014	BALDWIN-WALLACE COLLEGE	BEREA	OH	44017
003016	BLUFFTON COLLEGE	BLUFFTON	OH	45817
003018	BOWLING GRN ST U MAIN CAM	BOWLING GREEN	OH	43403
003023	CAPITAL UNIVERSITY	COLUMBUS	OH	43209
003024	CASE WESTERN RESERVE U	CLEVELAND	OH	44106
003025	CEDARVILLE COLLEGE	CEDARVILLE	OH	45314
003026	CENTRAL STATE UNIVERSITY	WILBERFORCE	OH	45384
003029	CINCINNATI BIBLE SEMINARY	CINCINNATI	OH	45204
003032	CLEVELAND ST UNIVERSITY	CLEVELAND	OH	44115
003033	MOUNT SAINT JOS-ON-THE-OHIO C	MT ST JOSEPH	OH	45051
003035	OHIO DOMINICAN COLLEGE	COLUMBUS	OH	43219
003037	WOOSTER, COLLEGE OF	WOOSTER	OH	44691
003039	COLUMBUS C ART AND DESIGN	COLUMBUS	OH	43215
003041	DEFIANCE COLLEGE	DEFIANCE	OH	43512
003042	DENISON UNIVERSITY	GRANVILLE	OH	43023
003043	DYKE COLLEGE	CLEVELAND	OH	44114
003045	FINDLAY COLLEGE	FINDLAY	OH	45840
003046	FRANKLIN UNIVERSITY	COLUMBUS	OH	43215
003049	HIRAM COLLEGE	HIRAM	OH	44234
003050	JOHN CARROLL UNIVERSITY	CLEVELAND	OH	44118
003051	KENT STATE U MAIN CAMPUS	KENT	OH	44242
003054	KENT ST STARK CO REG CAM	NORTH CANTON	OH	44720
003062	KENT ST TUSCARAWS REG CAM	NEW PHILA	OH	44663
003065	KENYON COLLEGE	GAMBIER	OH	43022
003068	LORAIN CO CMTY COLLEGE	ELYRIA	OH	44035
003072	MALONE COLLEGE	CANTON	OH	44709
003073	MARIETTA COLLEGE	MARIETTA	OH	45750
003077	MIAMI UNIVERSITY CEN OFF	OXFORD	OH	45056
003079	MIAMI U HAMILTON CAMPUS	HAMILTON	OH	45011
003080	MIAMI U MIDDLETOWN CAMPUS	MIDDLETOWN	OH	45052
003083	MOUNT UNION COLLEGE	ALLIANCE	OH	44601
003084	MUSKINGUM COLLEGE	NEW CONCORD	OH	43762
003085	NOTRE DAME COLLEGE	CLEVELAND	OH	44121
003086	OBERLIN COLLEGE	OBERLIN	OH	44074
003089	OHIO NORTHERN UNIVERSITY	ADA	OH	45810
003090	OHIO STATE U CENTRAL OFF	COLUMBUS	OH	43210
003092	OHIO STATE U LIMA BR	LIMA	OH	45804
003093	OHIO STATE U MANSFIELD BR	MANSFIELD	OH	44906
003099	OHIO INST OF TECHNOLOGY	COLUMBUS	OH	43209
003100	OHIO U MAIN CAMPUS	ATHENS	OH	45701

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003102	OHIO U CHILLICOTHE BR	CHILLICOTHE	OH	45601
003108	OHIO U ZANESVILLE BRANCH	ZANESVILLE	OH	43701
003109	OHIO WESLEYAN UNIVERSITY	DELAWARE	OH	43015
003110	OTTERBEIN COLLEGE	WESTERVILLE	OH	43081
003116	RIO GRANDE COLLEGE	RIO GRANDE	OH	45674
003119	SINCLAIR CMTY COLLEGE	DAYTON	OH	45402
003121	TIFFIN UNIVERSITY	TIFFIN	OH	44883
003123	AKRON MAIN CAMPUS,U OF	AKRON	OH	44325
003125	CINCINNATI MAIN CAM,U OF	CINCINNATI	OH	45221
003127	DAYTON,UNIVERSITY OF	DAYTON	OH	45469
003131	TOLEDO,UNIVERSITY OF	TOLEDO	OH	43606
003135	WALSH COLLEGE	CANTON	OH	44720
003141	WILBERFORCE UNIVERSITY	WILBERFORCE	OH	45384
003142	WILMINGTON COLLEGE	WILMINGTON	OH	45177
003143	WITTENBERG UNIVERSITY	SPRINGFIELD	OH	45501
003144	XAVIER UNIVERSITY	CINCINNATI	OH	45207
003145	YOUNGSTOWN ST UNIVERSITY	YOUNGSTOWN	OH	44555
003147	BACONE COLLEGE	MUSKOGEE	OK	74401
003150	CAMERON UNIVERSITY	LAWTON	OK	73505
003151	BARTLESVILLE WESLEYAN C	BARTLESVILLE	OK	74003
003152	CENTRAL STATE UNIVERSITY	EDMOND	OK	73034
003153	CONNORS STATE COLLEGE	WARNER	OK	74469
003154	EAST CENTRAL OKLA STATE U	ADA	OK	74820
003155	EASTERN OKLA ST COLLEGE	WILBURTON	OK	74578
003156	EL RENO JUNIOR COLLEGE	EL RENO	OK	73036
003157	LANGSTON UNIVERSITY	LANGSTON	OK	73050
003158	MURRAY STATE COLLEGE	TISHOMINGO	OK	73460
003160	NORTHEASTERN OKLA A & M C	MIAMI	OK	74354
003161	NORTHEASTERN OKLA STATE U	TAHLEQUAH	OK	74464
003162	NORTHERN OKLAHOMA COLLEGE	TONKAWA	OK	74653
003164	OKLAHOMA BAPT UNIVERSITY	SHAWNEE	OK	74801
003167	SCI & ARTS OF OKLA,U OF	CHICKASHA	OK	73018
003170	OKLA STATE U MAIN CAMPUS	STILLWATER	OK	74074
003171	OKLA STATE U TECH INST	OKLAHOMA CITY	OK	73107
003175	PHILLIPS UNIVERSITY	ENID	OK	73701
003176	CARL ALBERT JR COLLEGE	POTEAU	OK	74953
003178	SEMINOLE JUNIOR COLLEGE	SEMINOLE	OK	74868
003179	SOUTHEASTERN OKLA ST U	DURANT	OK	74701
003181	SOUTHWESTERN OKLA ST U	WEATHERFORD	OK	73096
003183	SAINT GREGORY'S COLLEGE	SHAWNEE	OK	74801
003184	OKLAHOMA NORMAN CAM,U OF	NORMAN	OK	73019
003185	TULSA,UNIVERSITY OF	TULSA	OK	74104
003190	COLUMBIA CHRISTIAN C	PORTLAND	OR	97220
003193	EASTERN OREGON ST COLLEGE	LA GRANDE	OR	97850
003194	GEORGE FOX COLLEGE	NEWBERG	OR	97132
003197	LEWIS AND CLARK COLLEGE	PORTLAND	OR	97219
003199	MARYLHURST C LEARNING	MARYLHURST	OR	97036
003204	MOUNT HOOD CMTY COLLEGE	GRESHAM	OR	97030
003206	MULTNOMAH SCHOOL OF BIBLE	PORTLAND	OR	97220
003209	WESTERN OREGON ST C	MONMOUTH	OR	97361
003210	OREGON STATE UNIVERSITY	CORVALLIS	OR	97331
003212	PACIFIC UNIVERSITY	FOREST GROVE	OR	97116

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003213	PORTLAND CMTY COLLEGE	PORTLAND	OR	97219
003216	PORTLAND STATE UNIVERSITY	PORTLAND	OR	97207
003217	REED COLLEGE	PORTLAND	OR	97202
003219	SOUTHERN OREGON ST C	ASHLAND	OR	97520
003221	TREASURE VLY CMTY COLLEGE	ONTARIO	OR	97914
003222	UMPQUA COMMUNITY COLLEGE	ROSEBURG	OR	97470
003223	OREGON MAIN CAMPUS,U OF	EUGENE	OR	97403
003227	WILLAMETTE UNIVERSITY	SALEM	OR	97301
003230	ALLEGHENY COLLEGE	MEADVILLE	PA	16335
003231	ALLEGHENY CO CEN OFF,CC	PITTSBURGH	PA	15222
003235	BEAVER COLLEGE	GLENSIDE	PA	19038
003237	BRYN MAWR COLLEGE	BRYN MAWR	PA	19010
003238	BUCKNELL UNIVERSITY	LEWISBURG	PA	17837
003239	BUCKS COUNTY CMTY COLLEGE	NEWTOWN	PA	18940
003240	BUTLER CO CMTY COLLEGE	BUTLER	PA	16001
003241	CABRINI COLLEGE	RADNOR	PA	19087
003243	CEDAR CREST COLLEGE	ALLENTOWN	PA	18104
003245	CHESTNUT HILL COLLEGE	PHILADELPHIA	PA	19118
003249	PHILADELPHIA,CMTY COLLEGE	PHILADELPHIA	PA	19107
003256	DREXEL UNIVERSITY	PHILADELPHIA	PA	19104
003259	EASTERN COLLEGE	SAINT DAVIDS	PA	19087
003261	UNITED WESLEYAN COLLEGE	ALLENTOWN	PA	18103
003265	FRANKLIN AND MARSHALL C	LANCASTER	PA	17604
003266	GANNON COLLEGE	ERIE	PA	16541
003267	GENEVA COLLEGE	BEAVER FALLS	PA	15010
003269	GROVE CITY COLLEGE	GROVE CITY	PA	16127
003270	GWYNEDD-MERCY COLLEGE	GWYNEDD VLY	PA	19437
003271	HAHNEMANN MEDL C AND HOSP	PHILADELPHIA	PA	19102
003272	HARCUM JUNIOR COLLEGE	BRYN MAWR	PA	19010
003273	HARRISBURG AREA CC	HARRISBURG	PA	17110
003274	HAVERFORD COLLEGE	HAVERFORD	PA	19041
003275	HOLY FAMILY COLLEGE	PHILADELPHIA	PA	19114
003279	JUNIATA COLLEGE	HUNTINGDON	PA	16652
003282	KING'S COLLEGE	WILKES-BARRE	PA	18711
003284	LAFAYETTE COLLEGE	EASTON	PA	18042
003287	LA SALLE COLLEGE	PHILADELPHIA	PA	19141
003289	LEHIGH UNIVERSITY	BETHLEHEM	PA	18015
003290	LINCOLN UNIVERSITY	LINCOLN UNIV	PA	19352
003293	LYCOMING COLLEGE	WILLIAMSPORT	PA	17701
003296	MARYWOOD COLLEGE	SCRANTON	PA	18509
003298	MESSIAH COLLEGE	GRANTHAM	PA	17027
003300	MOORE COLLEGE OF ART	PHILADELPHIA	PA	19103
003303	CARLOW COLLEGE	PITTSBURGH	PA	15213
003304	MUHLENBERG COLLEGE	ALLENTOWN	PA	18104
003306	VALLEY FORGE CHRISTIAN C	PHOENIXVILLE	PA	19460
003309	PEIRCE JUNIOR COLLEGE	PHILADELPHIA	PA	19102
003313	WIDENER C OF WIDENER U	CHESTER	PA	19013
003315	BLOOMSBURG STATE COLLEGE	BLOOMSBURG	PA	17815
003316	CALIFORNIA STATE COLLEGE	CALIFORNIA	PA	15419
003317	CHEYNEY STATE COLLEGE	CHEYNEY	PA	19319
003320	EAST STROUDSBG ST COLLEGE	E STROUDSBURG	PA	18301
003321	EDINBORO STATE COLLEGE	EDINBORO	PA	16444



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003322	KUTZTOWN STATE COLLEGE	KUTZTOWN	PA	19530
003323	LOCK HAVEN STATE COLLEGE	LOCK HAVEN	PA	17745
003324	MANSFIELD STATE COLLEGE	MANSFIELD	PA	16933
003325	MILLERSVILLE ST COLLEGE	MILLERSVILLE	PA	17551
003326	SHIPPENSBURG ST COLLEGE	SHIPPENSBURG	PA	17257
003327	SLIPPERY ROCK UNIVERSITY	SLIPPERY ROCK	PA	16057
003328	WEST CHESTER ST COLLEGE	WEST CHESTER	PA	19380
003329	PENNSYLVANIA ST U CENTRAL OFFICE	UNIVERSITY PK	PA	16802
003331	PENNSYLVANIA ST U ALTOONA	ALTOONA	PA	16603
003332	PENNSYLVANIA ST U BEAVER	MONACA	PA	15061
003333	PENNSYLVANIA ST U BEHREND C	ERIE	PA	16563
003336	PENNSYLVANIA ST U PAYETTE	UNIONTOWN	PA	15401
003339	PENNSYLVANIA ST U MCKEESPORT	MCKEESPORT	PA	15132
003340	PENNSYLVANIA ST U MONT ALTO	MONT ALTO	PA	17237
003341	PENNSYLVANIA ST U NEW KENSINGTON	NEW KENSINGTON	PA	15068
003342	PENNSYLVANIA ST U OGONTZ	ABINGTON	PA	19001
003343	PENNSYLVANIA ST U SCHUYLKILL	SHYKL HAVEN	PA	17972
003345	PENNSYLVANIA ST U SHENANGO VALLEY	SHARON	PA	16146
003346	PENNSYLVANIA ST U WILKES-BARRE	LEHMAN	PA	18627
003347	PENNSYLVANIA ST U YORK	YORK	PA	17403
003354	PHILADELPHIA C TEXTILES & SCI	PHILADELPHIA	PA	19144
003355	PHILADELPHIA C PERFORMING ARTS	PHILADELPHIA	PA	19102
003359	ROBERT MORRIS COLLEGE	CORAOPOLIS	PA	15108
003360	ROSEMONT COLLEGE	ROSEMONT	PA	19010
003362	SETON HILL COLLEGE	GREENSBURG	PA	15601
003363	SPRING GARDEN COLLEGE	CHESTNUT HILL	PA	19118
003364	SAINT CHARLES BORROMEO SEM	PHILADELPHIA	PA	19151
003367	SAINT JOSEPH'S UNIVERSITY	PHILADELPHIA	PA	19131
003368	SAINT VINCENT COLLEGE	LATROBE	PA	15650
003370	SWARTHMORE COLLEGE	SWARTHMORE	PA	19081
003371	TEMPLE UNIVERSITY	PHILADELPHIA	PA	19122
003376	THIEL COLLEGE	GREENVILLE	PA	16125
003378	PENNSYLVANIA, U OF	PHILADELPHIA	PA	19104
003379	PITTSBURGH MAIN CAM, U OF	PITTSBURGH	PA	15260
003380	PITTSBURGH BRADFORD, U OF	BRADFORD	PA	16701
003381	PITTSBURGH GREENSBURG, U OF	GREENSBURG	PA	15601
003382	PITTSBURGH JOHNSTOWN, U OF	JOHNSTOWN	PA	15904
003383	PITTSBURGH TITUSVILLE, U OF	TITUSVILLE	PA	16354
003384	SCRANTON, UNIVERSITY OF	SCRANTON	PA	18510
003385	URSINUS COLLEGE	COLLEGEVILLE	PA	19426
003388	VILLANOVA UNIVERSITY	VILLANOVA	PA	19085
003389	WASHINGTON JEFF COLLEGE	WASHINGTON	PA	15301
003392	WESTMINSTER COLLEGE	NEW WILMINGTON	PA	16142
003394	WILKES COLLEGE	WILKES-BARRE	PA	18766
003395	WILLIAMSPORT AREA CC	WILLIAMSPORT	PA	17701
003396	WILSON COLLEGE	CHAMBERSBURG	PA	17201
003399	YORK COLLEGE PENNSYLVANIA	YORK	PA	17405
003400	BARRINGTON COLLEGE	BARRINGTON	RI	02806
003401	BROWN UNIVERSITY	PROVIDENCE	RI	02912
003402	BRYANT C BUSINESS ADMIN	SMITHFIELD	RI	02917
003404	JOHNSON & WALES COLLEGE	PROVIDENCE	RI	02903
003407	RHODE ISLAND COLLEGE	PROVIDENCE	RI	02908

<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>SI</u>	<u>ZIP</u>
003408	RHODE ISLAND C C	WARWICK	RI	02886
003409	RHODE ISLAND SCH OF DESIGN	PROVIDENCE	RI	02903
003411	SALVE REGINA-NEWPORT C	NEWPORT	RI	02840
003414	RHODE ISLAND, U OF	KINGSTON	RI	02881
003417	ALLEN UNIVERSITY	COLUMBIA	SC	29204
003419	BAPTIST C AT CHARLESTOWN	CHARLESTON	SC	29411
003420	BENEDICT COLLEGE	COLUMBIA	SC	29204
003421	BOB JONES UNIVERSITY	GREENVILLE	SC	29614
003422	CENTRAL WESLEYAN COLLEGE	CENTRAL	SC	29630
003423	CITADEL MILITARY C OF SC	CHARLESTON	SC	29409
003424	CLAFLIN COLLEGE	ORANGEBURG	SC	29115
003425	CLEMSON UNIVERSITY	CLEMSON	SC	29631
003428	CHARLESTON, COLLEGE OF	CHARLESTON	SC	29424
003433	FRIENDSHIP COLLEGE	ROCK HILL	SC	29730
003434	FURMAN UNIVERSITY	GREENVILLE	SC	29613
003436	LIMESTONE COLLEGE	GAFFNEY	SC	29340
003439	MORRIS COLLEGE	SUMTER	SC	29150
003440	NEWBERRY COLLEGE	NEWBERRY	SC	29108
003441	NORTH GREENVILLE COLLEGE	TIGERVILLE	SC	29688
003446	SC STATE COLLEGE	ORANGEBURG	SC	29117
003447	SPARTANBURG METH COLLEGE	SPARTANBURG	SC	29301
003448	S C AT COLUMBIA, U OF	COLUMBIA	SC	29208
003449	SC AT AIKEN, U OF	AIKEN	SC	29801
003451	SC COASTAL CAROLINA, U OF	CONWAY	SC	29526
003453	SC AT LANCASTER, U OF	LANCASTER	SC	29720
003454	SC AT SALKEHATCHIE, U OF	ALLENDAL	SC	29810
003456	WINTHROP COLLEGE	ROCK HILL	SC	29733
003457	WOFFORD COLLEGE	SPARTANBURG	SC	29301
003458	AUGUSTANA COLLEGE	SIOUX FALLS	SD	57197
003459	BLACK HILLS STATE COLLEGE	SPEARFISH	SD	57783
003461	DAKOTA WESLEYAN U	MITCHELL	SD	57301
003463	DAKOTA STATE COLLEGE	MADISON	SD	57042
003464	HURON COLLEGE	HURON	SD	57350
003465	MOUNT MARTY COLLEGE	YANKTON	SD	57078
003466	NORTHERN STATE COLLEGE	ABERDEEN	SD	57401
003470	SOUTH DAKOTA SCH MINES & TECH	RAPID CITY	SD	57701
003471	SOUTH DAKOTA ST U	BROOKINGS	SD	57007
003472	SOUTH DAKOTA SPRINGFIELD, U OF	SPRINGFIELD	SD	57062
003474	SOUTH DAKOTA MAIN CAM, U OF	VERMILLION	SD	57069
003477	AQUINAS JUNIOR COLLEGE	NASHVILLE	TN	37205
003478	AUSTIN PEAY ST UNIVERSITY	CLARKSVILLE	TN	37040
003479	BELMONT COLLEGE	NASHVILLE	TN	37203
003481	CARSON-NEWMAN COLLEGE	JEFFERSON CY	TN	37760
003482	CHRISTIAN BROS COLLEGE	MEMPHIS	TN	38104
003483	COLUMBIA ST CMTY COLLEGE	COLUMBIA	TN	38401
003486	DAVID LIPSCOMB COLLEGE	NASHVILLE	TN	37203
003487	EAST TENN ST UNIVERSITY	JOHNSON CITY	TN	37614
003490	FISK UNIVERSITY	NASHVILLE	TN	37203
003491	FREE WILL BAPTIST BIBLE C	NASHVILLE	TN	37205
003492	FREED-HARDEMAN COLLEGE	HENDERSON	TN	38340
003494	HIWASSEE COLLEGE	MADISONVILLE	TN	37354
003496	KING COLLEGE	BRISTOL	TN	37620



<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>
003497	KNOXVILLE COLLEGE	KNOXVILLE	TN	37921
003498	LAMBUTH COLLEGE	JACKSON	TN	38301
003501	LE MOYNE-OWEN COLLEGE	MEMPHIS	TN	38126
003502	LINCOLN MEM UNIVERSITY	HARROGATE	TN	37752
003504	MARTIN COLLEGE	PULASKI	TN	38478
003505	MARYVILLE COLLEGE	MARYVILLE	TN	37801
003509	MEMPHIS STATE UNIVERSITY	MEMPHIS	TN	38152
003510	MIDDLE TENN ST UNIVERSITY	MURFREESBORO	TN	37132
003511	MILLIGAN COLLEGE	MILLIGAN CLG	TN	37682
003518	SOUTHERN COLLEGE OF SEVENTH DAY ADVENTISTS	COLLEGE DALE	TN	37315
003522	TENNESSEE ST UNIVERSITY	NASHVILLE	TN	37203
003523	TENNESSEE TECHNOLOGICAL U	COOKEVILLE	TN	38501
003524	TENNESSEE TEMPLE U	CHATTANOOGA	TN	37404
003526	TREVECCA NAZARENE COLLEGE	NASHVILLE	TN	37210
003529	TENNESSEE CHATTANOOGA, U OF	CHATTANOOGA	TN	37402
003530	TENNESSEE KNOXVILLE, U OF	KNOXVILLE	TN	37916
003531	TENNESSEE AT MARTIN, U OF	MARTIN	TN	38238
003534	SOUTH, UNIVERSITY OF THE	SEWANEE	TN	37375
003535	VANDERBILT UNIVERSITY	NASHVILLE	TN	37240
003537	ABILENE CHRSTN UNIVERSITY	ABILENE	TX	79699
003539	ALVIN COMMUNITY COLLEGE	ALVIN	TX	77511
003540	AMARILLO COLLEGE	AMARILLO	TX	79178
003541	ANGELO STATE UNIVERSITY	SAN ANGELO	TX	76909
003543	AUSTIN COLLEGE	SHERMAN	TX	75090
003546	BEE COUNTY COLLEGE	BEEVILLE	TX	78102
003548	BISHOP COLLEGE	DALLAS	TX	75241
003553	CISCO JUNIOR COLLEGE	CISCO	TX	76437
003554	CLARENDON COLLEGE	CLARENDON	TX	79226
003557	CONCORDIA LUTH COLLEGE	AUSTIN	TX	78705
003560	DALLAS BAPTIST COLLEGE	DALLAS	TX	75236
003563	DEL MAR COLLEGE	CORPUS CHRSTI	TX	78404
003565	EAST TEXAS ST UNIVERSITY	COMMERCE	TX	75428
003571	HARDIN-SIMMONS UNIVERSITY	ABILENE	TX	79698
003573	HILL JUNIOR COLLEGE	HILLSBORO	TX	76645
003576	HOUSTON BAPT UNIVERSITY	HOUSTON	TX	77074
003577	HUSTON-TILLOTSON COLLEGE	AUSTIN	TX	78702
003578	INCARNATE WORD COLLEGE	SAN ANTONIO	TX	78209
003580	KILGORE COLLEGE	KILGORE	TX	75662
003581	LAMAR UNIVERSITY	BEAUMONT	TX	77710
003582	LAREDO JUNIOR COLLEGE	LAREDO	TX	78040
003583	LEE COLLEGE	BAYTOWN	TX	77520
003584	LETOURNEAU COLLEGE	LONGVIEW	TX	75607
003585	LON MORRIS COLLEGE	JACKSONVILLE	TX	75766
003586	LUBBOCK CHRISTIAN COLLEGE	LUBBOCK	TX	79407
003590	MCLENNAN CMTY COLLEGE	WACO	TX	76708
003591	MCMURRY COLLEGE	ABILENE	TX	79697
003592	MIDWESTERN ST UNIVERSITY	WICHITA FALLS	TX	76308
003593	NAVARRO COLLEGE	CORSICANA	TX	75110
003594	NORTH TEXAS ST UNIVERSITY	DENTON	TX	76203
003596	ODESSA COLLEGE	ODESSA	TX	79762
003598	OUR LADY OF LAKE U	SAN ANTONIO	TX	78285
003599	PAN AMERICAN UNIVERSITY	EDINBURG	TX	78539

<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>
003600	PANOLA JUNIOR COLLEGE	CARTHAGE	TX	75633
003601	PARIS JUNIOR COLLEGE	PARIS	TX	75460
003602	PAUL QUINN COLLEGE	WACO	TX	76704
003603	RANGER JUNIOR COLLEGE	RANGER	TX	76470
003604	RICE UNIVERSITY	HOUSTON	TX	77001
003606	SAM HOUSTON ST UNIVERSITY	HUNTSVILLE	TX	77341
003607	SAN ANTONIO C C DIST CEN OFF	SAN ANTONIO	TX	78284
003608	SAINT PHILIP'S COLLEGE	SAN ANTONIO	TX	78203
003609	SAN JACINTO C CENTRAL CAM	PASADENA	TX	77505
003611	SOUTH PLAINS COLLEGE	LEVELLAND	TX	79336
003613	SOUTHERN METH UNIVERSITY	DALLAS	TX	75275
003614	SOUTHWEST TEX JR COLLEGE	UVALDE	TX	78801
003615	SOUTHWEST TEXAS ST U	SAN MARCOS	TX	78666
003616	SOUTHWESTERN ASSEMB GOD C	WAXAHACHIE	TX	75165
003620	SOUTHWESTERN UNIVERSITY	GEORGETOWN	TX	78726
003621	SAINT EDWARD'S UNIVERSITY	AUSTIN	TX	78704
003623	SAINT MARY'S U SAN ANTONIO	SAN ANTONIO	TX	78284
003624	STEPHEN F AUSTIN STATE U	NACOGDOCHES	TX	75962
003625	SUL ROSS STATE UNIVERSITY	ALPINE	TX	79830
003627	TEMPLE JUNIOR COLLEGE	TEMPLE	TX	76501
003629	TEXAS A&M U SYSTEM OFFICE	COLLEGE STA	TX	77843
003630	PRAIRIE VIEW A&M U	PRAIRIE VIEW	TX	77446
003631	TARLETON STATE UNIVERSITY	STEPHENVILLE	TX	76402
003634	TEXAS ST TECH INST WACO	WACO	TX	76705
003635	TEXAS CHIROPRACTIC C	PASADENA	TX	77505
003636	TEXAS CHRISTIAN U	FORT WORTH	TX	76129
003638	TEXAS COLLEGE	TYLER	TX	75702
003639	TEXAS A&I UNIVERSITY	KINGSVILLE	TX	78363
003641	TEXAS LUTHERAN COLLEGE	SEGUIN	TX	78155
003642	TEXAS SOUTHERN UNIVERSITY	HOUSTON	TX	77004
003643	TEXAS SOUTHMOST COLLEGE	BROWNSVILLE	TX	78520
003644	TEXAS TECH UNIVERSITY	LUBBOCK	TX	79409
003645	TEXAS WESLEYAN COLLEGE	FORT WORTH	TX	76105
003646	TEXAS WOMAN'S UNIVERSITY	DENTON	TX	76204
003647	TRINITY UNIVERSITY	SAN ANTONIO	TX	78284
003648	TYLER JUNIOR COLLEGE	TYLER	TX	75701
003652	HOUSTON CEN CAM, U OF	HOUSTON	TX	77004
003654	SAINT THOMAS, U OF	HOUSTON	TX	77006
003655	TEXAS SYSTEM OFFICE, U OF	AUSTIN	TX	78701
003656	TEXAS AT ARLINGTON, U OF	ARLINGTON	TX	76019
003658	TEXAS AT AUSTIN, U OF	AUSTIN	TX	78712
003659	TEXAS HEALTH SCI CEN SAN ANTONIO, U	SAN ANTONIO	TX	78284
003661	TEXAS AT EL PASO, U OF	EL PASO	TX	79968
003662	VICTORIA COLLEGE	VICTORIA	TX	77901
003665	WEST TEXAS ST UNIVERSITY	CANYON	TX	79016
003670	BRIGHAM YOUNG U MAIN CAM	PROVO	UT	84602
003671	DIXIE COLLEGE	SAINT GEORGE	UT	84770
003672	LATTER-DAY SAINTS BUS COLLEGE	SALT LAKE CY	UT	84111
003675	UTAH, UNIVERSITY OF	SALT LAKE CY	UT	84112
003677	UTAH STATE UNIVERSITY	LOGAN	UT	84322
003678	SOUTHERN UTAH ST COLLEGE	CEDAR CITY	UT	84720
003679	SNOW COLLEGE	EPHRAIM	UT	84627

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003680	WEBER STATE COLLEGE	OGDEN	UT	84408
003682	BENNINGTON COLLEGE	BENNINGTON	VT	05201
003683	CASTLETON STATE COLLEGE	CASTLETON	VT	05735
003684	CHAMPLAIN COLLEGE	BURLINGTON	VT	05401
003687	GREEN MOUNTAIN COLLEGE	POULTNEY	VT	05764
003688	JOHNSON STATE COLLEGE	JOHNSON	VT	05656
003689	LYNDON STATE COLLEGE	LYNDONVILLE	VT	05851
003691	MIDDLEBURY COLLEGE	MIDDLEBURY	VT	05753
003692	NORWICH U MAIN CAM	NORTHFIELD	VT	05663
003694	SAINT MICHAEL'S COLLEGE	WINOOSKI	VT	05404
003695	TRINITY COLLEGE	BURLINGTON	VT	05401
003696	VERMONT ST AG C & U	BURLINGTON	VT	05405
003698	VERMONT TECHNICAL COLLEGE	RANDOLPH CTR	VT	05061
003705	WILLIAM AND MARY, C OF	WILLIAMSBURG	VA	23185
003706	CHRISTOPHER NEWPORT C	NEWPORT NEWS	VA	23606
003707	RICHARD BLAND C WM & MARY	PETERSBURG	VA	23805
003712	TIDEWATER CMTY COLLEGE	PORTSMOUTH	VA	23703
003714	HAMPTON INSTITUTE	HAMPTON	VA	23668
003719	LONGWOOD COLLEGE	FARMVILLE	VA	23901
003720	LYNCHBURG COLLEGE	LYNCHBURG	VA	24501
003721	JAMES MADISON UNIVERSITY	HARRISONBURG	VA	22807
003724	MARYMOUNT COLLEGE OF VA	ARLINGTON	VA	22207
003726	NATIONAL BUSINESS COLLEGE	ROANOKE	VA	24011
003727	NORTHERN VA CMTY COLLEGE	ANNANDALE	VA	22003
003728	OLD DOMINION UNIVERSITY	NORFOLK	VA	23508
003732	RADFORD UNIVERSITY	RADFORD	VA	24142
003734	RANDOLPH-MACON WOMAN'S C	LYNCHBURG	VA	24503
003735	VIRGINIA COMMONWEALTH U	RICHMOND	VA	23284
003742	SWEET BRIAR COLLEGE	SWEET BRIAR	VA	24595
003744	RICHMOND, UNIVERSITY OF	RICHMOND	VA	23173
003745	VIRGINIA ALL CAM, U OF	CHARLOTTESVL	VA	22903
003746	MARY WASHINGTON COLLEGE	FREDERICKSBG	VA	22401
003749	GEORGE MASON UNIVERSITY	FAIRFAX	VA	22030
003751	PATRICK HENRY CC	MARTINSVILLE	VA	24112
003753	VIRGINIA MILITARY INST	LEXINGTON	VA	24450
003754	VIRGINIA POLY INST AND ST U	BLACKSBURG	VA	24061
003758	DANVILLE CMTY COLLEGE	DANVILLE	VA	24541
003759	J SARGEANT REYNOLDS CC	RICHMOND	VA	23241
003760	VIRGINIA WESTERN C C	ROANOKE	VA	24015
003764	VIRGINIA STATE UNIV	PETERSBURG	VA	23803
003765	NORFOLK STATE UNIVERSITY	NORFOLK	VA	23504
003766	VIRGINIA UNION UNIVERSITY	RICHMOND	VA	23220
003767	VIRGINIA WESLEYAN COLLEGE	NORFOLK	VA	23502
003769	BELLEVUE CMTY COLLEGE	BELLEVUE	WA	98007
003770	BIG BEND CMTY COLLEGE	MOSES LAKE	WA	98837
003771	CENTRAL WASH UNIVERSITY	ELLENSBURG	WA	98926
003772	CENTRALIA COLLEGE	CENTRALIA	WA	98531
003774	COLUMBIA BASIN CC	PASCO	WA	99301
003775	EASTERN WASH UNIVERSITY	CHENEY	WA	99004
003778	GONZAGA UNIVERSITY	SPOKANE	WA	99258
003780	GREEN RIVER CMTY COLLEGE	AUBURN	WA	98002
003781	HIGHLINE CMTY COLLEGE	MIDWAY	WA	98031

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003783	NORTHWEST C ASSEMBLIES GOD	KIRKLAND	WA	98033
003784	OLYMPIC COLLEGE	BREMERTON	WA	98310
003785	PACIFIC LUTH UNIVERSITY	TACOMA	WA	98447
003786	PENINSULA COLLEGE	PORT ANGELES	WA	98362
003788	SEATTLE PACIFIC U	SEATTLE	WA	98119
003790	SEATTLE UNIVERSITY	SEATTLE	WA	98122
003791	SHORELINE CNTY COLLEGE	SEATTLE	WA	98133
003793	SPOKANE COMMUNITY COLLEGE	SPOKANE	WA	99202
003796	TACOMA COMMUNITY COLLEGE	TACOMA	WA	98465
003797	PUGET SOUND, UNIVERSITY OF	TACOMA	WA	98416
003798	WASHINGTON, UNIVERSITY OF	SEATTLE	WA	98195
003799	WALLA WALLA COLLEGE	COLLEGE PLACE	WA	99324
003800	WASHINGTON ST UNIVERSITY	PULLMAN	WA	99164
003802	WESTERN WASH UNIVERSITY	BELLINGHAM	WA	98225
003803	WHITMAN COLLEGE	WALLA WALLA	WA	99362
003805	YAKIMA VALLEY CC	YAKIMA	WA	98902
003806	ALDERSON BROADBUSH COLLEGE	PHILIPPI	WV	26416
003807	BECKLEY COLLEGE	BECKLEY	WV	25801
003809	BLUEFIELD STATE COLLEGE	BLUEFIELD	WV	24701
003810	CONCORD COLLEGE	ATHENS	WV	24712
003811	DAVIS AND ELKINS COLLEGE	ELKINS	WV	26241
003812	FAIRMONT STATE COLLEGE	FAIRMONT	WV	26554
003813	GLENVILLE STATE COLLEGE	GLENVILLE	WV	26351
003815	MARSHALL UNIVERSITY	HUNTINGTON	WV	25701
003816	SOUTHERN WEST VA C C	HOLDEN	WV	25601
003818	CHARLESTON, U OF	CHARLESTON	WV	25304
003820	SALEM COLLEGE MAIN CAMPUS	SALEM	WV	26426
003822	SHEPHERD COLLEGE	SHEPHERDSTOWN	WV	25443
003825	WEST VIRGINIA INST TECH	MONTGOMERY	WV	25136
003826	WEST VIRGINIA ST C	INSTITUTE	WV	25112
003827	WEST VIRGINIA UNIVERSITY	MORGANTOWN	WV	26506
003828	PARKERSBURG CNTY COLLEGE	PARKERSBURG	WV	26101
003829	POTOMAC STATE COLLEGE	KEYSER	WV	26726
003830	WEST VIRGINIA WESLEYAN C	BUCKHANNON	WV	26201
003831	WHEELING COLLEGE	WHEELING	WV	26003
003835	BELOIT COLLEGE	BELOIT	WI	53511
003837	CARDINAL STRITCH COLLEGE	MILWAUKEE	WI	53217
003838	CARROLL COLLEGE	WAUKESHA	WI	53186
003839	CARTHAGE COLLEGE	KENOSHA	WI	53141
003840	WESTERN WIS TECH INST	LA CROSSE	WI	54601
003842	CONCORDIA COLLEGE	MILWAUKEE	WI	53208
003848	EDGEWOOD COLLEGE	MADISON	WI	53711
003856	LAWRENCE UNIVERSITY	APPLETON	WI	54911
003863	MARQUETTE UNIVERSITY	MILWAUKEE	WI	53233
003866	MILWAUKEE AREA TECH C	MILWAUKEE	WI	53203
003868	MILWAUKEE SCH ENGINEERING	MILWAUKEE	WI	53201
003869	MOUNT MARY COLLEGE	MILWAUKEE	WI	53222
003884	RIPON COLLEGE	RIPON	WI	54971
003894	WISCONSIN SYS OFFICE, U OF	MADISON	WI	53706
003895	WISCONSIN MADISON, U OF	MADISON	WI	53706
003896	WISCONSIN MILWAUKEE, U OF	MILWAUKEE	WI	53201
003897	WISCONSIN CTR SYS, U OF	MADISON	WI	53706

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003899	WISCONSIN GREEN BAY,U OF	GREEN BAY	WI	54302
003913	WISCONSIN CONSV OF MUSIC	MILWAUKEE	WI	53202
003915	WISCONSIN STOUT,U OF	MENOMONIE	WI	54751
003917	WISCONSIN EAU CLAIRE,U OF	EAU CLAIRE	WI	54701
003919	WISCONSIN LA CROSSE,U OF	LA CROSSE	WI	54601
003921	WISCONSIN PLATTEVL,U OF	PLATTEVILLE	WI	53818
003923	WISCONSIN RIVER FALLS, U OF	RIVER FALLS	WI	54022
003924	WISCONSIN STEVENS POINT, U OF	STEVENS POINT	WI	54481
003925	WISCONSIN SUPERIOR,U OF	SUPERIOR	WI	54880
003926	WISCONSIN WHITEWATER,U OF	WHITEWATER	WI	53190
003928	CASPER COLLEGE	CASPER	WY	82601
003929	EASTERN WYOMING COLLEGE	TORRINGTON	WY	82240
003930	SHERIDAN COLLEGE	SHERIDAN	WY	82801
003932	WYOMING,UNIVERSITY OF	LARAMIE	WY	82071
003937	SACRED HEART, U OF THE	SANTURCE	PR	00914
003954	CENTRAL FLORIDA, U OF	ORLANDO	FL	32816
003955	WEST FLORIDA,U OF	PENSACOLA	FL	32504
003960	ILL MEDL CTR CHGO,U OF	CHICAGO	IL	60680
003961	HARPER C .	PALATINE	IL	60067
003965	BAY STATE JC OF BUS	BOSTON	MA	02116
003968	LEWIS C BUSINESS	DETROIT	MI	48235
003969	MINNESOTA MINNEAPOLIS-ST PAUL, U OF	MINNEAPOLIS	MN	55455
003970	SAINT LOUIS U-PARKS C	CAHOKIA	IL	62206
003982	CLEVELAND INST OF ART	CLEVELAND	OH	44106
003985	ORAL ROBERTS UNIVERSITY	TULSA	OK	74171
003990	FLORENCE DARLINGTON TECH	FLORENCE	SC	29501
003991	GREENVILLE TECH COLLEGE	GREENVILLE	SC	29606
003992	PIEDMONT TECH COLLEGE	GREENWOOD	SC	29646
003993	MIDLANDS TECH COLLEGE	COLUMBIA	SC	29202
003995	SUMTER AREA TECH COLLEGE	SUMTER	SC	29150
003996	YORK TECHNICAL COLLEGE	ROCK HILL	SC	29730
003999	CLEVELAND ST CMTY COLLEGE	CLEVELAND	TN	37311
004003	CENTRAL TEXAS COLLEGE	KILLEEN	TX	76541
004004	JOHN TYLER CMTY COLLEGE	CHESTER	VA	23831
004007	MADISON AREA TECH COLLEGE	MADISON	WI	53703
004027	UTAH TECH COLLEGE PROVO	PROVO	UT	84601
004052	ALLEGHENY CO BOYCE CAM,CC	MONROEVILLE	PA	15146
004057	NATIONAL COLLEGE	RAPID CITY	SD	57701
004074	SCOTT COMMUNITY COLLEGE	BETTENDORF	IA	52722
004076	KIRKWOOD CMTY COLLEGE	CEDAR RAPIDS	IA	52406
004452	MONTGOMERY CO COMMUNITY C	BLUE BELL	PA	19422
004453	EL CENTRO COLLEGE	DALLAS	TX	75202
004480	DE ANZA COLLEGE	CUPERTINO	CA	95014
004481	ORHLONE COLLEGE	FREMONT	CA	94539
004506	COLORADO MOUNTAIN C WEST CAM	GLENWOOD SPG	CO	81601
004549	HAWAII LEEWARD CC,U OF	PEARL CITY	HI	96782
004579	INTERNATIONAL BUSINESS C	FORT WAYNE	IN	46804
004595	HAWKEYE INST TECHNOLOGY	WATERLOO	IA	50704
004600	NORTHWEST IOWA TECH C	SHELDON	IA	51201
004611	KANSAS TECHNICAL INST	SALINA	KS	67401
004622	SOUTHERN U SHREVEPORT-BOSSIER	SHREVEPORT	LA	71107
004626	DELGADO CMTY COLLEGE	NEW ORLEANS	LA	70119

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004661	HAMPSHIRE COLLEGE	AMHERST	MA	01002
004673	BAKER JUNIOR COLLEGE BUS	FLINT	MI	48507
004681	MACOMB CO CC-CENTER CAM	MT CLEMENS	MI	48044
004697	SAN MATEO CC DIST SYS OFF	SAN MATEO	CA	94402
004723	SOUTHEAST CC MILFORD CAM	MILFORD	NE	68405
004729	HESSER COLLEGE	MANCHESTER	NH	03101
004731	DANIEL WEBSTER COLLEGE	NASHUA	NH	03063
004736	BERGEN COMMUNITY COLLEGE	PARAMUS	NJ	07652
004738	FARLGH DCKSN FLORHAN-MAD	MADISON	NJ	07940
004740	MERCER CO CMTY COLLEGE	TRENTON	NJ	08690
004741	RUTGERS U CAMDEN CAMPUS	CAMDEN	NJ	08102
004749	ALBANY BUSINESS COLLEGE	ALBANY	NY	12210
004750	SUNY C OF CERAMICS ALFRED	ALFRED	NY	14802
004759	CUNY YORK COLLEGE	JAMAICA	NY	11451
004766	CUNY BERNARD BARUCH C	NEW YORK	NY	10010
004779	LONG IS U BROOKLYN CENTER	BROOKLYN	NY	11201
004788	HERKIMER CO CMTY COLLEGE	HERKIMER	NY	13350
004799	MONROE BUSINESS INSTITUTE	BRONX	NY	10468
004804	NEW YORK INST TECH MAIN CAM	OLD WESTBURY	NY	11568
004811	ROCHESTER BUS INSTITUTE	ROCHESTER	NY	14604
004823	SUNY HLTH SCI CTR STNY BK	STONY BROOK	NY	11794
004825	TAYLOR BUSINESS INSTITUTE	NEW YORK	NY	10019
004838	GUILFORD TECHNICAL INST	JAMESTOWN	NC	27282
004840	KING'S COLLEGE	RALEIGH	NC	27611
004844	WAKE TECHNICAL COLLEGE	RALEIGH	NC	27603
004852	CLARK TECHNICAL COLLEGE	SPRINGFIELD	OH	45505
004861	NORTHWESTERN BUS C TECH CEN	LIMA	OH	45805
004878	CLACKAMAS CMTY COLLEGE	OREGON CITY	OR	97045
004886	ELECTRONIC INSTITUTE	PITTSBURGH	PA	15217
004917	ROGER WILLIAMS C MAIN CAM	BRISTOL	RI	02809
004922	COLUMBIA JUNIOR C	COLUMBIA	SC	29201
004925	HORRY-GEORGETOWN TECH C	CONWAY	SC	29526
004926	TRI-COUNTY TECH COLLEGE	PENDLETON	SC	29670
004932	DRAUGHON'S JR COLLEGE	MEMPHIS	TN	38116
004933	DRAUGHON'S JC BUSINESS	KNOXVILLE	TN	37919
004952	TEXAS MED BRANCH GALVESTON, U	GALVESTON	TX	77550
004988	CENTRAL VA CMTY COLLEGE	LYNCHBURG	VA	24502
005000	FORT STEILACOOM CC	TACOMA	WA	98498
005001	EDMONDS COMMUNITY COLLEGE	LYNNWOOD	WA	98036
005015	WISCONSIN PARKSIDE, U OF	KENOSHA	WI	53141
005127	SOUTHERN OHIO COLLEGE	CINCINNATI	OH	45237
005204	BEAL COLLEGE	BANGOR	ME	04401
005220	UTAH TCH COLLEGE SALT LK	SALT LAKE CY	UT	84107
005277	EASTERN ME VOC-TECH INST	BANGOR	ME	04401
005299	GATEWAY TECH INST-RACINE	RACINE	WI	53403
005313	NORTH CEN TECH COLLEGE	MANSFIELD	OH	44906
005317	FORSYTH TECHNICAL INST	WINSTON-SALEM	NC	27103
005318	CATAWBA VALLEY TECH C	HICKORY	NC	28601
005363	DENMARK TECHNICAL COLLEGE	DENMARK	SC	29042
005372	OLYMPIA TECH CMTY COLLEGE	OLYMPIA	WA	98502
005380	MID-STATE TECHNICAL INST	WISC RAPIDS	WI	54494
005387	NORTH CENTRAL TECH INST	WAUSAU	WI	54401



FICE	SCHOOL	CITY	ST	ZIP
005447	RANDOLPH TECHNICAL C	ASHEBORO	NC	27203
005449	CENTRAL CAROLINA TECH C	SANFORD	NC	27330
005753	MICHAEL J OWENS TECH C	TOLEDO	OH	43699
005760	NORTHERN MAINE VOC TECH INST	PRESQUE ISLE	ME	04769
006139	UNION COUNTY COLLEGE	CRANFORD	NJ	07016
006656	DUPAGE, COLLEGE OF	GLEN ELLYN	IL	60137
006661	ANGELINA COLLEGE	LUFKIN	TX	75901
006725	TENNESSEE CTR HEALTH SCI, U OF	MEMPHIS	TN	38163
006750	VALENCIA CMTY COLLEGE	ORLANDO	FL	32802
006774	LAKEWOOD CMTY COLLEGE	WHITE BR LK	MN	55110
006782	GENESEE COMMUNITY COLLEGE	BATAVIA	NY	14020
006785	SCHENECTADY COUNTY CC	SCHENECTADY	NY	12305
006791	SUNY COLLEGE AT PURCHASE	PURCHASE	NY	10577
006804	LAKELAND CMTY COLLEGE	MENTOR	OH	44060
006807	BEAVER CO, CMTY COLLEGE OF	MONACA	PA	15061
006811	LUZERNE CO CMTY COLLEGE	NANTICOKE	PA	18634
006814	PENNSYLVANIA ST U CAPITOL	MIDDLETOWN	PA	17057
006863	VENTURA CO CC SYS OFFICE	VENTURA	CA	93003
006865	CAMDEN COUNTY COLLEGE	BLACKWOOD	NJ	08012
006867	COLUMBUS TECHNICAL INST	COLUMBUS	OH	43216
006871	THOMAS NELSN CMTY COLLEGE	HAMPTON	VA	23670
006881	NEW MEXICO GALLUP BRANCH, U OF	GALLUP	NM	87301
006883	OHIO STATE U MAIN CAMPUS	COLUMBUS	OH	43210
006922	PENNSYLVANIA ST U DELAWARE	MEDIA	PA	19063
006931	WAUBONSEE CMTY COLLEGE	SUGAR GROVE	IL	60554
006949	KALAMAZOO VALLEY CC	KALAMAZOO	MI	49009
006951	SC AT SPARTANBURG, U OF	SPARTANBURG	SC	29303
006964	RUTGERS U NEW BRUNSWICK	NEW BRUNSWICK	NJ	08903
006965	PENNSYLVANIA ST U MAIN CAM (U PK)	UNIVERSITY PK	PA	16802
006967	BAYLOR UNIVERSITY	WACO	TX	76798
006968	VIRGINIA MAIN CAMPUS, U OF	CHARLOTTESVL	VA	22903
006973	CANADA COLLEGE	REDWOOD CITY	CA	94061
006982	MATTATUCK CMTY COLLEGE	WATERBURY	CT	06708
007022	CUNY LEHMAN COLLEGE	BRONX	NY	10468
007047	LOS ANG SOUTHWEST COLLEGE	LOS ANGELES	CA	90047
007085	MOUNT VERNON NAZARENE C	MOUNT VERNON	OH	43050
007099	VIRGINIA HIGHLANDS C C	ABINGDON	VA	24210
007102	JEFFERSON COLLEGE	HILLSBORO	MO	63050
007104	MIAMI UNIV OXFORD CAM	OXFORD	OH	45056
007105	STATE TECH INST	MEMPHIS	TN	38134
007107	ESSEX COUNTY COLLEGE	NEWARK	NJ	07102
007108	PUERTO RICO PIEDRAS, U OF	RIO PIEDRAS	PR	00931
007109	SUNY COLLEGE OLD WESTBURY	OLD WESTBURY	NY	11568
007110	DELAWARE CO CMTY COLLEGE	MEDIA	PA	19063
007111	NORTH COUNTRY C C	SARANAC LAKE	NY	12983
007115	MOORPARK COLLEGE	MOORPARK	CA	93021
007118	PARKLAND COLLEGE	CHAMPAIGN	IL	61821
007119	REND LAKE COLLEGE	INA	IL	62846
007121	FAITH BAPT BIBLE COLLEGE	ANKENY	IA	50021
007123	GOLDEN VLY LUTH COLLEGE	MINNEAPOLIS	MN	55422
007136	NEW MEXICO ST U CEN OFF	LAS CRUCES	NM	88003
007170	LINCOLN LAND CMTY COLLEGE	SPRINGFIELD	IL	62708

<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>
007184	ALLEGHENY CO SOUTH CAM,CC	WEST MIFFLIN	PA	15122
007191	NORTHAMPTON CO AREA CC	BETHLEHEM	PA	18017
007266	PIMA COMMUNITY COLLEGE	TUCSON	AZ	85709
007283	CENTRAL ARIZONA COLLEGE	COOLIDGE	AZ	85228
007288	GATEWAY TECH INST-KENOSHA	KENOSHA	WI	53141
007316	WESTERN IOWA TECH	SIOUX CITY	IA	51102
007353	NORTHWESTERN ELECTRONICS INST	COLUMBIA HEIGHT	MN	55421
007394	BERK-CLAREMONT NEW YORK	NEW YORK	NY	10174
007398	KATHARINE GIBBS SCHOOL	NEW YORK	NY	10017
007421	BERKELEY SCHOOL,THE	WHITE PLAINS	NY	10504
007430	ANTONELLI SCH OF PHOTOGRAPHY INC	PHILADELPHIA	PA	19105
007437	PITTSBURGH TECH INST	PITTSBURGH	PA	15222
007439	TENNESSEE INST ELECS	KNOXVILLE	TN	37917
007465	AMERICAN ACAD DRAMATIC ARTS	NEW YORK	NY	10016
007468	VISUAL ARTS,SCHOOL OF	NEW YORK	NY	10010
007470	ART INSTITUTE PITTSBURGH	PITTSBURGH	PA	15222
007481	KATHARINE GIBBS SCHOOL	BOSTON	MA	02116
007484	NEWBURY JUNIOR COLLEGE	BOSTON	MA	02115
007502	BERKELEY SCHOOL,THE	LITTLE FALLS	NJ	07424
007532	FINGER LAKES,CMTY COLLEGE	CANANDAIGUA	NY	14424
007536	COSUMNES RIVER COLLEGE	SACRAMENTO	CA	95823
007544	APPALACHIAN BIBLE COLLEGE	BRADLEY	WV	25818
007582	AIMS COMMUNITY COLLEGE	GREELEY	CO	80631
007586	TAMPA TECH INSTITUTE	TAMPA	FL	33610
007598	HOCKING TECHNICAL COLLEGE	NELSONVILLE	OH	45764
007638	PLATTE VLY BIBLE COLLEGE	SCOTTSBLUFF	NE	69361
007640	FAYETTEVILLE TECH INST	FAYETTEVILLE	NC	28303
007644	LAKE LAND COLLEGE	MATTOON	IL	61938
007662	HAGERSTOWN BUS COL/MARYLAND MED SECL SCH	HAGERSTOWN	MD	21741
007669	SOUTHWEST WISC VOC TECH INST	FENNIMORE	WI	53809
007678	SPARTAN SCH AERONAUTICS	TULSA	OK	74151
007684	KISHWAUKEE COLLEGE	MALTA	IL	60150
007690	KANKAKEE CMTY COLLEGE	KANKAKEE	IL	60901
007691	MCHENRY COUNTY COLLEGE	CRYSTAL LAKE	IL	60014
007692	MORAIN VLY CMTY COLLEGE	PALOS HILLS	IL	60465
007694	LAKE COUNTY,COLLEGE OF	GRAYSLAKE	IL	60030
007707	COLUMBIA COLLEGE	COLUMBIA	CA	95310
007713	SKYLINE COLLEGE	SAN BRUNO	CA	94066
007729	COUNTY COLLEGE OF MORRIS	RANDOLPH	NJ	07869
007730	BURLINGTON COUNTY COLLEGE	PEMBERTON	NJ	08068
007731	SOMERSET COUNTY COLLEGE	SOMERVILLE	NJ	08876
007814	BROOKSTONE COLLEGE OF BUSINESS	HIGH POINT	NC	27261
007817	RUTLEDGE C WINSTON-SALEM	WINSTON-SALEM	NC	27102
007826	BEREAN INSTITUTE	PHILADELPHIA	PA	19130
007845	NEW ENG INST TECHNOLOGY	PROVIDENCE	RI	02907
007856	BOWLING GRN ST U FIRELDS	HURON	OH	44839
007857	BRAZOSPORT COLLEGE	LAKE JACKSON	TX	77566
007860	PENNSYLVANIA TECH INST	PITTSBURGH	PA	15222
007870	HILLSBOROUGH CMTY COLLEGE	TAMPA	FL	33622
007871	WALLACE ST CC-HNCV	HANCEVILLE	AL	35077
007885	HAWAII SYS OFF U OF	HONOLULU	HI	96822
007888	PURDUE U CENTRAL OFFICE	W LAFAYETTE	IN	47907



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007893	FLAGLER COLLEGE	ST AUGUSTINE	FL	32084
007954	NORMANDALE CMTY COLLEGE	BLOOMINGTON	MN	55431
007959	MARYLAND SYSTEM OFF,U OF	ADELPHI	MD	20783
007963	COLUMBIA U CENTRAL OFF	NEW YORK	NY	10027
007964	CORNELL U CENTRAL OFFICE	ITHACA	NY	14853
007970	PACE UNIVERSITY CEN OFF	NEW YORK	NY	10038
007985	ANSON TECHNICAL COLLEGE	ANSONVILLE	NC	28007
007993	CAL ST COLLEGE-BAKERSFLD	BAKERSFIELD	CA	93309
007996	COLORADO SYS OFFICE, U OF	BOULDER	CO	80309
007997	CONNECTICUT CEN OFFICE, U OF	STORRS	CT	06268
007999	GEORGIA INST OF TECH CEN OFF	ATLANTA	GA	30332
008001	ILLINOIS CENTRAL OFF,U OF	URBANA	IL	61801
008002	INDIANA U CENTRAL OFFICE	BLOOMINGTON	IN	47405
008004	ALABAMA SYS OFFICE, U OF	UNIVERSITY	AL	35486
008006	ARKANSAS STATE U CEN OFF	STATE UNIV	AR	72467
008017	MASS CENTRAL OFFICE,U OF	BOSTON	MA	02116
008022	MISSISSIPPI CEN OFF,U OF	UNIVERSITY	MS	38677
008024	SAINT LOUIS U CENTRAL OFF	SAINT LOUIS	MO	63103
008032	BOWLING GRN ST U CEN OFF	BOWLING GREEN	OH	43403
008034	KENT STATE U	KENT	OH	44242
008036	OHIO U CENTRAL OFFICE	ATHENS	OH	45701
008038	MIDDLESEX CMTY COLLEGE	MIDDLETOWN	CT	06457
008039	CINCINNATI CENTRAL OFF,U	CINCINNATI	OH	45221
008040	OKLA STATE U CEN OFFICE	STILLWATER	OK	74078
008041	OKLAHOMA CENTRAL OFF,U OF	NORMAN	OK	73019
008046	PITTSBURGH CEN OFFICE, U OF	PITTSBURGH	PA	15260
008049	SC CENTRAL OFFICE,U OF	COLUMBIA	SC	29208
008051	TENNESSEE CEN OFF,U OF	KNOXVILLE	TN	37916
008055	WILLIAM & MARY CEN OFF,C	WILLIAMSBURG	VA	23185
008058	VIRGINIA CEN OFFICE,U OF	CHARLOTTESVL	VA	22903
008068	ST U SYS OF FLA SYS OFF	TALLAHASSEE	FL	32301
008073	BUTTE COLLEGE	OROVILLE	CA	95965
008076	JOHN A LOGAN COLLEGE	CARTERVILLE	IL	62918
008078	SPRINGFIELD TECHNICAL CC	SPRINGFIELD	MA	01105
008082	CLEVELAND TECH COLLEGE	SHELBY	NC	28150
008084	COASTAL CAROLINA CC	JACKSONVILLE	NC	28540
008086	CRAVEN COMMUNITY COLLEGE	NEW BERN	NC	28560
008125	FRIENDS WORLD COLLEGE	HUNTINGTON	NY	11743
008145	NASHVILLE STATE TECH INST	NASHVILLE	TN	37209
008155	EVERGREEN STATE COLLEGE	OLYMPIA	WA	98505
008175	HOWARD COMMUNITY COLLEGE	COLUMBIA	MD	21044
008222	FAIRLEIGH DCKSN U CEN OFF	RUTHERFORD	NJ	07070
008228	SEWARD CO CMTY COLLEGE	LIBERAL	KS	67901
008244	JOHNSN CO CMTY COLLEGE	OVERLAND PARK	KS	66210
008246	NAVAJO COMMUNITY COLLEGE	TSAILE	AZ	86556
008278	TERRA TECHNICAL COLLEGE	FREMONT	OH	43420
008296	MEDICAL COLLEGE OF WIS	MILWAUKEE	WI	53226
008304	SCOTTSDALE CMTY COLLEGE	SCOTTSDALE	AZ	85253
008306	ALAMEDA, COLLEGE OF	ALAMEDA	CA	94501
008308	CECIL COMMUNITY COLLEGE	NORTH EAST	MD	21901
008310	AUBURN U AT MONTGOMERY	MONTGOMERY	AL	36117
008319	MACOMB CO CC	WARREN	MI	48093

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008322	DEVRY INST OF TECHNOLOGY	PHOENIX	AZ	85016
008329	ITT TECH INST	FORT WAYNE	IN	46808
008350	ART INST PHILADELPHIA	PHILADELPHIA	PA	19103
008404	BROOKDALE CMTY COLLEGE	LINCROFT	NJ	07738
008419	MERCER U IN ATLANTA	ATLANTA	GA	30341
008423	IND VOC TECH C-NTH CEN	SOUTH BEND	IN	46619
008435	INTERBORO INSTITUTE	NEW YORK	NY	10019
008466	SOUTHWESTERN TECH C	SYLVA	NC	28779
008504	RICHLAND COLLEGE	DALLAS	TX	75231
008510	EASTFIELD COLLEGE	MESQUITE	TX	75150
008547	IND VOC TECH COLLEGE	TERRE HAUTE	IN	47802
008596	WEST LOS ANGELES COLLEGE	CULVER CITY	CA	90230
008597	FEATHER RIVER COLLEGE	QUINCY	CA	95971
008611	CUNY HOSTOS C C	BRONX	NY	10451
008709	LOS ANG CC SYS ALL INST	LOS ANGELES	CA	90017
008713	SAN MATEO CC SYS ALL INST	SAN MATEO	CA	94403
008715	CAL U SYS ADMIN ALL CAM	BERKELEY	CA	94720
008717	COLORADO ALL INST, U OF	BOULDER	CO	80309
008719	JONES COLLEGE ALL CAM	JACKSONVILLE	FL	32211
008723	GEORGIA INST OF TECH ALL CAM	ATLANTA	GA	30332
008727	CITY C CHGO ALL CAM	CHICAGO	IL	60601
008729	ILLINOIS ALL CAM,U OF	URBANA	IL	61801
008735	DES MOINES AREA CC	ANKENY	IA	50021
008736	INDIAN HILLS CC	OTTUMWA	IA	52501
008739	IOWA WESTERN CMTY COLLEGE	COUNCIL BLF	IA	51501
008740	SOUTHEASTERN CMTY COLLEGE	W BURLINGTON	IA	52655
008745	LOUISIANA ST U ALL INST	BATON ROUGE	LA	70803
008751	MARYLAND SYS ALL INST,U	COLLEGE PARK	MD	20783
008755	MASS ALL CAMPUSES,U OF	BOSTON	MA	02116
008759	NORTHWOOD INSTITUTE	MIDLAND	MI	48640
008760	OAKLAND COMMUNITY COLLEGE	BLOOMFLD HLS	MI	48013
008761	MINNESOTA ALL CAM,U OF	MINNEAPOLIS	MN	55455
008763	MISS GULF CST JC	PERKINSTON	MS	39573
008764	MISSISSIPPI ALL CAM,U OF	UNIVERSITY	MS	38677
008766	SAINT LOUIS U ALL CAM	SAINT LOUIS	MO	63103
008768	NEBRASKA CEN ADMIN ALL INST, U	LINCOLN	NE	68508
008771	RUTGERS THE ST U ALL CAM	NEW BRUNSWICK	NJ	08903
008773	NEW MEXICO ST U ALL CAM	LAS CRUCES	NM	88003
008775	ALFRED U ALL CAMPUSES	ALFRED	NY	14802
008779	CORNELL U ALL CAMPUSES	ITHACA	NY	14853
008782	NEW YORK INST TECH ALL CAM	OLD WESTBURY	NY	11568
008784	PACE UNIVERSITY ALL CAM	NEW YORK	NY	10038
008788	SUNY SYS ALL INST	ALBANY	NY	12203
008795	ANTIOCH UNIVERSITY	YELLOW SPG	OH	45387
008796	BOWLING GRN ST U ALL CAM	BOWLING GREEN	OH	43403
008797	CUYAHOGA CC DISTRICT	CLEVELAND	OH	44115
008800	MIAMI UNIVERSITY ALL CAM	OXFORD	OH	45056
008802	OHIO STATE U ALL CAMPUSES	COLUMBUS	OH	43210
008803	OHIO U ALL CAMPUSES	ATHENS	OH	45701
008805	CINCINNATI ALL CAM,U OF	CINCINNATI	OH	45221
008808	OREGON ALL CAM,U OF	EUGENE	OR	97403
008810	INDIANA U OF PENNSYLVANIA	INDIANA	PA	15705

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008815	PITTSBURGH ALL CAM, U OF	PITTSBURGH	PA	15260
008819	SC ALL CAMPUSES, U OF	COLUMBIA	SC	29208
008821	TENNESSEE ALL CAM, U OF	KNOXVILLE	TN	37916
008854	NEW MEXICO ST U GRANTS BRANCH	GRANTS	NM	87020
008880	MORRISON INST OF TECHN	MORRISON	IL	61270
008895	SAN DIEGO CITY COLLEGE	SAN DIEGO	CA	92101
008898	TARRANT CO JUNIOR COLLEGE	FORT WORTH	TX	76102
008903	CANYONS, COLLEGE OF THE	VALENCIA	CA	91355
008906	MACOMB CO CG-SOUTH CAMPUS	WARREN	MI	48093
008918	SADDLEBACK CMTY COLLEGE	MISSION VIEJO	CA	92692
008976	CLAYTON JUNIOR COLLEGE	MORROW	GA	30260
008988	LURLEEN B WALLACE ST JC	ANDALUSIA	AL	36420
009007	COLORADO MOUNTAIN C	GLENWOOD SPC	CO	81602
009058	BETHEL COLLEGE	SAINT PAUL	MN	55112
009076	BERKELEY SCHOOL-NICKSVL	HICKSVILLE	NY	11801
009088	ITT TECHNICAL INSTITUTE	DAYTON	OH	45414
009092	MICHIGAN-ANN ARBOR, U	ANN ARBOR	MI	48109
009162	SAN ANTONIO DIST J C ALL CAM	SAN ANTONIO	TX	78284
009163	SAN ANTONIO COLLEGE	SAN ANTONIO	TX	78284
009167	WRIGHT ST U ALL CAMPUSES	DAYTON	OH	45435
009168	WRIGHT ST U	DAYTON	OH	45435
009185	OSCAR ROSE JUNIOR COLLEGE	MIDWEST CITY	OK	73110
009190	OREGON ST HI ED SYS OFFICE	EUGENE	OR	97403
009221	PHILLIPS COLLEGE	GULFPORT	MS	39501
009224	DEVRY INST TECHNOLOGY	ATLANTA	GA	30341
009225	TEXAS ST TECH HARLINGEN	HARLINGEN	TX	78551
009226	FRANCIS MARION COLLEGE	FLORENCE	SC	29501
009230	WAYNE COUNTY CMTY COLLEGE	DETROIT	MI	48226
009235	CLARION STATE C MAIN CAM	CLARION	PA	16214
009256	MORaine PARK TECH INST	FOND DU LAC	WI	54935
009257	NORTHEAST WIS TECH INST	GREEN BAY	WI	54303
009258	WAUKESHA COUNTY TECH INST	PEWAUKEE	WI	53072
009265	ND STATE U MAIN CAMPUS	FARGO	ND	58105
009275	NORTHERN KY UNIVERSITY	HIGHLAND HTS	KY	41076
009322	WILLIAMSBURG TECH C	KINGSTREE	SC	29556
009332	STATE COMMUNITY COLLEGE	E SAINT LOUIS	IL	62201
009333	SANGAMON STATE UNIVERSITY	SPRINGFIELD	IL	62708
009344	RAMAPO C OF NEW JERSEY	MAHWAH	NJ	07430
009345	STOCKTON STATE COLLEGE	POMONA	NJ	08240
009401	ROCKMONT COLLEGE	DENVER	CO	80226
009407	BRIARWOOD COLLEGE	SOUTHINGTON	CT	06489
009430	TRI-COUNTY COMMUNITY C	MURPHY	NC	28906
009435	SOUTHERN JC OF BUSINESS	BIRMINGHAM	AL	35203
009543	RED ROCKS COMM COLLEGE	GOLDEN	CO	80401
009544	SPOKANE FLS CMTY COLLEGE	SPOKANE	WA	99204
009549	WESTERN TEXAS COLLEGE	SNYDER	TX	79549
009552	AMERICAN RIVER COLLEGE	SACRAMENTO	CA	95841
009553	MARYLAND ALL CAM, U OF	COLLEGE PARK	MD	20742
009554	SUNY AT BUFFALO ALL CAM	BUFFALO	NY	14214
009562	INDIANA STATE U CEN OFF	TERRE HAUTE	IN	47809
009563	INDIANA STATE U MAIN CAM	TERRE HAUTE	IN	47809
009621	WISCONSIN SCHOOL ELECS	MADISON	WI	53704

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009630	WISCONSIN OSHKOSH, U OF	OSHKOSH	WI	54901
009635	FLORIDA INTERNATIONAL U	MIAMI	FL	33199
009636	SOUTHERN U A & M C MAIN CAM	BATON ROUGE	LA	70813
009637	SOUTHERN U A&M C CEN OFF	BATON ROUGE	LA	70813
009642	TEXAS ST TECH INST CEN OFF	WACO	TX	76705
009651	LAREDO STATE UNIVERSITY	LAREDO	TX	78040
009684	BLUE RIDGE TECHNICAL C	FLAT ROCK	NC	28731
009704	NORTH SEATTLE CC	SEATTLE	WA	98103
009706	SEATTLE CC SOUTH CAMPUS	SEATTLE	WA	98106
009740	INVER HILLS CMTY COLLEGE	INVER GRV HTS	MN	55075
009741	TEXAS AT DALLAS, U OF	RICHARDSON	TX	75080
009743	BELLEVUE COLLEGE	BELLEVUE	NE	68005
009744	FOX VALLEY TECH INST	APPLETON	WI	54913
009757	DENVER CENTRAL OFF, CC OF	DENVER	CO	80218
009758	DENVER ALL CAM, CC OF	DENVER	CO	80218
009762	SOUTHERN MAINE, U OF	PORTLAND	ME	04103
009763	TULSA JUNIOR COLLEGE	TULSA	OK	74119
009764	TUNXIS COMMUNITY COLLEGE	FARMINGTON	CT	06032
009765	MOHEGAN COMMUNITY COLLEGE	NORWICH	CT	06360
009767	CITY C CHGO OLIVE-HARVEY	CHICAGO	IL	60628
009786	ILL ESTN LINCOLN TRAIL C	ROBINSON	IL	62454
009797	MIDLAND COLLEGE	MIDLAND	TX	79701
009841	NORTH FLORIDA, U OF	JACKSONVILLE	FL	32216
009896	OAKTON COMMUNITY COLLEGE	DES PLAINES	IL	60016
009903	VANCE-GRANVL CMTY COLLEGE	HENDERSON	NC	27536
009912	VOLUNTEER ST CMTY COLLEGE	GALLATIN	TN	37066
009914	ROANE STATE CMTY COLLEGE	HARRIMAN	TN	37748
009916	IND VOC TECH C CEN OFF	INDIANAPOLIS	IN	46206
009930	TEXAS PERMIAN BASIN, U OF	ODESSA	TX	79762
009932	TEXAS ST TECH SWEETWATER	SWEETWATER	TX	79556
009933	TEXAS ST TECH AMARILLO	AMARILLO	TX	79111
010020	LEWIS AND CLARK CC	GODFREY	IL	62035
010027	LIMA TECHNICAL COLLEGE	LIMA	OH	45804
010039	IND VOC TECH C-LAFAYETTE	LAFAYETTE	IN	47905
010051	CUNY LA GUARDIA CC	LONG IS CY	NY	11101
010060	VERNON REG JUNIOR COLLEGE	VERNON	TX	76384
010097	CUNY MEDGAR EVERS COLLEGE	BROOKLYN	NY	11225
010115	TEXAS SAN ANTONIO, U OF	SAN ANTONIO	TX	78285
010130	MISS WADES FASH COLLEGE	DALLAS	TX	75207
010139	DEVRY INST OF TECHNOLOGY	IRVING	TX	75062
010142	TOURO COLLEGE	NEW YORK	NY	10036
010176	WESTMORELAND COUNTY CC	YOUNGWOOD	PA	15697
010195	ART INST FT LAUDERDALE	FT LAUDERDALE	FL	33316
010256	BENEDICTINE COLLEGE	ATCHISON	KS	66002
010286	SUNY EMPIRE STATE COLLEGE	SARATOGA SPG	NY	12866
010299	SOUTH DAKOTA CEN OFFICE, U OF	VERMILLION	SD	57069
010306	CENTRAL NEW ENG C TECH	WORCESTER	MA	01610
010312	NEW MEXICO CEN OFF, U OF	ALBUQUERQUE	NM	87131
010313	NEW MEXICO MAIN CAM, U OF	ALBUQUERQUE	NM	87131
010328	BAUDER FASHION COLLEGE	ARLINGTON	TX	76010
010340	LOS MEDANOS COLLEGE	PITTSBURG	CA	94565
010345	CINCINNATI TECH COLLEGE	CINCINNATI	OH	45223

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010362	CLARK CO CMTY COLLEGE	LAS VEGAS	NV	89030
010364	WHATCOM CMTY COLLEGE	BELLINGHAM	WA	98225
010366	TEXAS A&M U MAIN CAMPUS	COLLEGE STA	TX	77843
010387	EL PASO CO CMTY COLLEGE	EL PASO	TX	79998
010388	READING AREA CMTY COLLEGE	READING	PA	19603
010390	HAWAII WINDWARD CC,U OF	KANEHOE	HI	96744
010391	SOUTH OKLA CTY JR COLLEGE	OKLAHOMA CITY	OK	73159
010392	LIBERTY BAPTIST COLLEGE	LYNCHBURG	VA	24506
010395	SAN DIEGO,UNIVERSITY OF	SAN DIEGO	CA	92110
010438	HASKELL INDIAN JR COLLEGE	LAWRENCE	KS	66044
010439	SHELBY STATE CMTY COLLEGE	MEMPHIS	TN	38104
010474	MARYMOUNT PALOS VERDES C	RNCHO PLS VRD	CA	90274
010494	CENTRAL PA BUS SCH	SUMMERDALE	PA	17093
010529	MEMPHIS THEOLOGICAL SEM	MEMPHIS	TN	38104
010530	QUINEBAUG VALLEY CC	DANIELSON	CT	06239
010633	HOUSTON COMMUNITY COLLEGE	HOUSTON	TX	77007
010684	ERIE CC CITY CAMPUS	BUFFALO	NY	14203
010687	OHIO ST U AGRL TECH INST	WOOSTER	OH	44691
010805	CINCIN CLERMNT GEN-TECH,U	BATAVIA	OH	45103
010818	AKRON WAYNE GEN-TECH C,U	ORRVILLE	OH	44667
010878	GANADO,COLLEGE OF	GANADO	AZ	86505
010879	RICHLAND CMTY COLLEGE	DECATUR	IL	62526
010881	STARK TECHNICAL COLLEGE	CANTON	OH	44720
010883	GATEWAY TECH INST	KENOSHA	WI	53141
010998	PENNSYLVANIA INST TECH	UPPER DARBY	PA	19082
011112	FASH INST DESIGN & MERCH	LOS ANGELES	CA	90017
011145	NORTH HARRIS CO COLLEGE	HOUSTON	TX	77073
011161	CORPUS CHRISTI STATE U	CORPUS CHRSTI	TX	78412
011195	RUTLEDGE COLLEGE	FAYETTEVILLE	NC	28301
011210	BUNKER HILL CMTY COLLEGE	BOSTON	MA	02129
011385	ATLANTIC,COLLEGE OF THE	BAR HARBOR	ME	04609
011387	DELAWARE STANTON-WILMINGTON	NEWARK	DE	19702
011460	NATIONAL UNIVERSITY	SAN DIEGO	CA	92108
011461	WESLEY COLLEGE	FLORENCE	MS	39073
011574	BAUDER FASHION COLLEGE	ATLANTA	GA	30326
011587	MCCARRIE SCHOOLS	PHILADELPHIA	PA	19107
011599	BAUDER C SPECIZING CAR ED	SACRAMENTO	CA	95825
011600	RUTLEDGE COLLEGE	GREENSBORO	NC	27401
011618	TEXAS HEALTH SCI CEN HOUSTON, U	HOUSTON	TX	77025
011644	MARYLAND UNIVERSITY C	COLLEGE PARK	MD	20742
011649	LOYOLA MARYMOUNT U	LOS ANGELES	CA	90045
011693	CORNELL U STATUTORY C	ITHACA	NY	14853
011711	HOUSTON CLEAR LAKE CITY,U	HOUSTON	TX	77058
011720	HOUSTON ALL CAMPUSES,U OF	HOUSTON	TX	77004
011721	HOUSTON CEN OFFICE,U OF	HOUSTON	TX	77023
011862	NORTHLAND PIONEER COLLEGE	HOLBROOK	AZ	86025
011930	ROXBURY COMMUNITY COLLEGE	ROXBURY	MA	02119
011941	AMERICAN C PUERTO RICO	BAYAMON	PR	00619
011950	CORCORAN SCHOOL OF ART	WASHINGTON	DC	20006
012014	NIELSEN ELECS INSTITUTE	CHARLESTON	SC	29405
012015	AUSTIN COMMUNITY COLLEGE	AUSTIN	TX	78768
012033	BOSSIER PARISH CC	BOSSIER CITY	LA	71111

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012044	BASIC INST TECHNOLOGY	SAINT LOUIS	MO	63116
012056	GEM CITY COLLEGE	QUINCY	IL	62301
012165	ATLANTA JUNIOR COLLEGE	ATLANTA	GA	30310
012179	DELAWARE TECH & CC WILMINGTON	WILMINGTON	DE	19801
012270	EDISON STATE CMTY COLLEGE	PIQUA	OH	45356
012300	PALMER C OF CHIROPRACTIC	DAVENPORT	IA	52803
012305	BRIGHAM YOUNG U ALL CAM	PROVO	UT	84602
012427	ERIE CC SOUTH CAMPUS	ORCHARD PARK	NY	14127
012452	EVERGREEN VALLEY COLLEGE	SAN JOSE	CA	95135
012470	BRYANT-STRATTON BUS INST	ROCHESTER	NY	14604
012550	LOS ANGELES MISSION C	SAN FERNANDO	CA	91340
012586	METROPOLITAN TECHNICAL CC	OMAHA	NE	68103
012693	STATE TECH INST KNOXVILLE	KNOXVILLE	TN	37919
012713	SAN JACINTO C NORTH CAM	HOUSTON	TX	77049
012748	SHAWNEE ST CMTY COLLEGE	PORTSMOUTH	OH	45662
012813	JOHN WOOD CMTY COLLEGE	QUINCY	IL	62301
012826	HOUSTON DOWNTOWN, U OF	HOUSTON	TX	77002
012842	OXNARD COLLEGE	OXNARD	CA	93033
012860	MISS CO CMTY COLLEGE	BLYTHEVILLE	AR	72315
012954	HUDSON CO CC COMMISSION	NORTH BERGEN	NJ	07047
013029	BORICUA COLLEGE	NEW YORK	NY	10032
013145	IND VOC TECH C-NTHWST	GARY	IN	46409
013176	SOUTHERN ARK U EL DORADO BR	EL DORADO	AR	71730
029001	KANSAS ALL CAMPUSES,U	LAWRENCE	KS	66045
029013	CONNECTICUT, U OF	STORRS	CT	06268
029032	SAN FRANCISCO CC DIST	SAN FRANCISCO	CA	94103
029036	NEW YORK SCH OF INTERIOR DESIGN	NEW YORK	NY	10022
029040	CUNY C OF STATEN ISLAND	STATEN ISLAND	NY	10301
029042	SAN JOSE CC DIST OFFICE	SAN JOSE	CA	95135
029053	WOR-WIC TECH CMTY COLLEGE	SALISBURY	MD	21801
029055	JOHN WESLEY COLLEGE	HIGH POINT	NC	27260
029066	NORTH LAKE COLLEGE	IRVING	TX	75062
029067	ALABAMA ALL INST, U OF	UNIVERSITY	AL	35486
029076	BECKER JC SYSTEM OFFICE	WORCESTER	MA	01609
029081	SAINT JOSEPH'S C SUFFOLK CAM	PATCHOGUE	NY	11772
029084	SOUTHERN CAL INST ARCH	SANTA MONICA	CA	90404
029087	NORTERN NEW MEXICO C C	EL RITO	NM	87530
029093	TANANA VLY CC	FAIRBANKS	AK	99701
029100	DISTRICT OF COLUMBIA, U OF	WASHINGTON	DC	20008
029101	ALLEGHENY CO C C NORTH CAM	PITTSBURGH	PA	15237
029106	VISTA COLLEGE	BERKELEY	CA	94704
029123	MORRIS JC OF BUSINESS	MELBOURNE	FL	32935
029124	CLARK COLLEGE	INDIANAPOLIS	IN	46202
029128	MISSION COLLEGE	SANTA CLARA	CA	95054
029136	SAN JACINTO C ALL CAM	PASADENA	TX	77505
029150	BROOKHAVEN COLLEGE	DALLAS	TX	75234
029151	YESHIVA U OF LOS ANGELES	LOS ANGELES	CA	90035
029164	TEXAS AT TYLER, U OF	TYLER	TX	75701
029170	GREATER NEW HAVEN TECH C	NORTH HAVEN	CT	06473
029187	ART INSTITUTE ATLANTA	ATLANTA	GA	30326
029189	ARKANSAS C TECHNOLOGY	LITTLE ROCK	AR	77207
029196	BROWN INSTITUTE	MINNEAPOLIS	MN	55406



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029200	LINCOLN TECHNICAL INST	ALLENTOWN	PA	18104
029206	ASHLAND COMMUNITY COLLEGE	ASHLAND	KY	41101
029207	ELIZABETHTOWN CMTY C	ELIZABETHTOWN	KY	42701
029211	JEFFERSON CMTY COLLEGE	LOUISVILLE	KY	40202
029214	MAYSVILLE CMTY COLLEGE	MAYSVILLE	KY	41056
029216	PRESTONBURG CMTY COLLEGE	PRESTONBURG	KY	41653
029232	WISCONSIN VOC TECH AD ED DIST	SHELL LAKE	WI	54871
029246	CUYAMACA COLLEGE	EL CAJON	CA	92020
029249	SUFFOLK CO CC ALL CAMPUS	SELDEN	NY	11784
029264	CLEVELAND INST ELECS	CLEVELAND	OH	44114
029269	E TX ST U TEXARKANA	TEXARKANA	TX	75501
029276	BRIARCLIFFE SECRL SCH	MINEOLA	NY	11501
029284	LOS ANGELES METRO C	LOS ANGELES	CA	90015
029289	EAST-WEST UNIVERSITY	CHICAGO	IL	60605
100012	SOUTHERN INSTITUTION	BIRMINGHAM	AL	35205
100107	GADSDEN BUSINESS COLLEGE INC	GADSDEN	AL	35901
100127	NORTH ALABAMA COLLEGE OF COMMERCE	HUNTSVILLE	AL	35800
100165	TWENTIETH CENTURY COLLEGE	MOBILE	AL	36601
100179	MASSEY-DRAUGHON COLLEGE	MONTGOMERY	AL	36102
101504	DRUID CITY HOSP SCH OF RADIOLOGIC TECHNOLOGY	TUSCALOOSA	AL	35401
109008	BESSEMER STATE TECHNICAL COLLEGE	BESSEMER	AL	35021
109029	REID STATE TECHNICAL COLLEGE	EVERGREEN	AL	36401
109033	ALABAMA TECHNICAL COLLEGE	GADSDEN	AL	35903
109047	CARVER STATE TECHNICAL COLLEGE	MOBILE	AL	36617
109049	SOUTHWEST STATE TECHNICAL COLLEGE	MOBILE	AL	36690
109055	PATTERSON STATE TECHNICAL COLLEGE	MONTGOMERY	AL	36116
109056	TRENHOLM STATE TECHNICAL COLLEGE	MONTGOMERY	AL	36108
110006	ALASKA BUSINESS COLLEGE	ANCHORAGE	AK	99503
120004	A B C WELDING SCHOOL	PHOENIX	AZ	85034
120018	ALLURE CAREER COLLEGE OF BEAUTY	TUCSON	AZ	85711
120022	ARIZONA AUTOMOTIVE INSTITUTE	GLENDALE	AZ	85301
120063	TUCSON COLLEGE OF BUSINESS	TUCSON	AZ	85716
120089	CHAPPAREL CAREER COLLEGE	TUCSON	AZ	85712
120107	ARIZONA COLLEGE OF MED & DENTAL CAREERS	TUCSON	AZ	85716
120179	STERLING SCHOOL	PHOENIX	AZ	85014
120189	ARIZONA COLLEGE OF TECHNOLOGY	WINKELMAN	AZ	85292
120197	PHOENIX INSTITUTE OF TECHNOLOGY	PHOENIX	AZ	85034
120226	AMERICAN TRICHOLOGY INSTITUTE	PHOENIX	AZ	85015
121553	PLAZA THREE INC	PHOENIX	AZ	85016
121561	MARICOPA COUNTY SKILL CENTER	PHOENIX	AZ	85004
126007	LAMSON BUSINESS COLLEGE	TUCSON	AZ	85701
126012	RON BAILIE SCHOOL OF BROADCASTING	PHOENIX	AZ	85012
126014	UNIVERSAL TECHNICAL INSTITUTE	PHOENIX	AZ	85017
130058	OPPORTUNITIES INDUSTRIALIZATION CENTER	LITTLE ROCK	AR	72206
130123	BROADWAY SCHOOL OF REAL ESTATE	LITTLE ROCK	AR	72202
139001	COTTON BOLL VOCATIONAL-TECHNICAL SCHOOL	BURDETTE	AR	72321
139012	PINES VOCATIONAL-TECHNICAL SCHOOL	PINE BLUFF	AR	71603
140020	INSTITUTE OF MEDICAL STUDIES	LOS ANGELES	CA	90057
140029	BAY VISTA COLLEGE OF BEAUTY	NATIONAL CITY	CA	92050
140041	BRYMAN SCHOOL	LOS ANGELES	CA	90017
140043	NATIONAL EDUCATION CENTER BRYMAN CAMPUS	SAN FRANCISCO	CA	94103
140045	BRYMAN SCHOOLS	TORRANCE	CA	90504

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140063	CALIFORNIA COLLEGE OF DENTAL TRAINING	LOS ANGELES	CA	90014
140079	CENTRAL CALIFORNIA COMMERCIAL COLLEGE	FRESNO	CA	93721
140083	COASTAL SCHOOL OF DEEP SEA DIVING INC	OAKLAND	CA	94601
140087	COLUMBIA SCHOOL OF BROADCASTING	HOLLYWOOD	CA	90028
140089	COMPTON BEAUTY COLLEGE	COMPTON	CA	90221
140095	CONTROL DATA INSTITUTE	ANAHEIM	CA	92801
140112	ELECTRONIC TECHNICAL INSTITUTE	SAN DIEGO	CA	92123
140143	GALEN COLLEGE OF MEDICAL & DENTAL ASSISTANTS	FRESNO	CA	93728
140147	GIBBS FLIGHT CENTER	SAN DIEGO	CA	92123
140206	DE LOUX SCHOOL OF COSMETOLOGY	LA MESA	CA	92041
140257	MONTEREY ACADEMY OF HAIR DESIGN	MONTEREY	CA	93940
140264	M T I WESTERN BUSINESS COLLEGE	SACRAMENTO	CA	95816
140301	ORANGE COUNTY BUSINESS COLLEGE	ANAHEIM	CA	92805
140304	PACIFIC COLLEGE OF MEDICAL & DENTAL ASSTS	SAN DIEGO	CA	92116
140311	WEBSTER CAREER COLLEGE	LOS ANGELES	CA	90012
140327	RICHARDS BEAUTY COLLEGE	ONTARIO	CA	91762
140348	SAWYER COLLEGE OF BUSINESS	PASADENA	CA	91106
140349	SAWYER COLLEGE OF BUSINESS	VAN NUYS	CA	91405
140360	SOUTHERN CAL C OF MED & DENT CAREERS	ANAHEIM	CA	92804
140375	VALLEY COMMERCIAL COLLEGE	MODESTO	CA	95354
140420	FASHION INSTITUTE	LOS ANGELES	CA	90017
141042	AMERICAN BUSINESS COLLEGE-TECHNICAL DIVISION	SAN DIEGO	CA	92115
141053	MARINELLO SCHOOL OF BEAUTY	SAN FRANCISCO	CA	94102
141089	OXNARD BEAUTY COLLEGE	OXNARD	CA	93030
141160	SAWYER COLLEGE OF BUSINESS	VENTURA	CA	93003
141216	VALLEY VOCATIONAL CENTER	LA PUENTE	CA	91744
141229	WINANS HAIR ACADEMY	WATSONVILLE	CA	95076
141538	SOUTH BAY COLLEGE OF BUSINESS	HAWTHORNE	CA	90250
141573	EAST LOS ANGELES OCCUPATIONAL CENTER	LOS ANGELES	CA	90033
141598	NORTH VALLEY OCCUPATIONAL CENTER	MISSION HILLS	CA	91345
141623	NORTHWEST COLLEGE OF MEDICAL & DENTAL ASSTS	POMONA	CA	91768
141685	HARBOR OCCUPATIONAL CENTER	WILMINGTON	CA	90744
141707	UKIAH ADULT SCHOOL	UKIAH	CA	95482
141713	MR DOMINICK'S SCHOOL OF HAIR DESIGN	WHITTIER	CA	90606
141763	LEIMERT PARK BEAUTY COLLEGE	LOS ANGELES	CA	90008
141828	ASSOCIATED TECHNICAL COLLEGE	LOS ANGELES	CA	90017
143075	COUNTRY CLUB COLLEGE OF HAIRSTYLING	RANCHO CORDOVA	CA	95670
143124	JOHN ADAMS COMMUNITY COLLEGE CTR	SAN FRANCISCO	CA	94117
143276	WESTERN COLLEGE OF ALLIED HEALTH CAREERS	SACRAMENTO	CA	95821
143381	CABRILLO SCHOOL OF NURSING	SAN DIEGO	CA	92115
143526	SAN FRANCISCO COMMUNITY COLLEGE	SAN FRANCISCO	CA	94103
146073	ADRIAN'S BEAUTY COLLEGE	MODESTO	CA	95350
146100	LUMBLEAU REAL ESTATE SCHOOL	LOS ANGELES	CA	90024
146118	PATRICIA STEVENS FASHION CAREER COLLEGE	SAN DIEGO	CA	92101
146184	J E BOUTIQUE COLLEGE OF BEAUTY	EL CAJON	CA	92021
146284	DE LOUX SCHOOL OF COSMETOLOGY	SAN FRANCISCO	CA	94122
146361	SAWYER SCHOOL	ANAHEIM	CA	92802
146439	MESA ARTS & TRADE COLLEGE	SAN DIEGO	CA	92101
148016	CITY COLLEGE OF SAN FRANCISCO	SAN FRANCISCO	CA	94112
149504	WOODRUFF REGIONAL OCCUPATIONAL CENTER	STOCKTON	CA	95203
151011	COLORADO INSTITUTE OF ART	DENVER	CO	80203
151018	DENVER INSTITUTE OF TECENOLGY	DENVER	CO	80221



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151550	SAN JUAN BASIN AREA VOCATIONAL SCHOOL	CORTEZ	CO	81321
157003	AMERICAN BEAUTY COLLEGE	GRAND JUNCTION	CO	81501
157005	DENVER AUTOMOTIVE AND DIESEL COLLEGE INC	DENVER	CO	80223
160038	NATIONAL ACADEMY OF HAIRDRESSING	STAMFORD	CT	06901
160100	SAINT VINCENTS MED CTR SCH OF RADIOLOGIC T	BRIDGEPORT	CT	06606
160101	SAINT MARYS HOSP SCH OF NURSING	WATERBURY	CT	06702
160120	CONNECTICUT STENOGRAPHIC INSTITUTE	NEW BRITAIN	CT	06051
160135	STONE SCHOOL OF BUSINESS	NEW HAVEN	CT	06511
160148	COMPUTER PROCESSING INSTITUTE	EAST HARTFORD	CT	06108
161507	HARVARD H ELLIS REGIONAL VOC-TECH SCHOOL	DANIELSON	CT	06239
169011	WHITNEY REGIONAL VOCATIONAL-TECHNICAL SCHOOL	HAMDEN	CT	06514
169016	PLATT REGIONAL VOCATIONAL-TECHNICAL SCHOOL	MILFORD	CT	06460
170019	NORTH AMERICAN TRAINING ACADEMY	NEWARK	DE	19713
180120	WASHINGTON SCHOOL FOR SECRETARIES	WASHINGTON	DC	20006
181509	WASHINGTON HOSPITAL CENTER SCH OF X-RAY TECHN	WASHINGTON	DC	20010
182222	D C SKILLS CENTER	WASHINGTON	DC	20002
186003	GEORGETOWN SCHOOL OF SCIENCE & ARTS LTD	WASHINGTON	DC	20007
188008	DISTRICT OF COLUMBIA-VAN NESS, U OF	WASHINGTON	DC	20008
189001	ARMSTRONG ADULT EDUCATION CENTER	WASHINGTON	DC	20001
190001	CHARRON WILLIAMS COLLEGE PARAMEDICAL DIVISION	MIAMI	FL	33130
190010	SOUTHERN COLLEGE	ORLANDO	FL	32807
190040	TAMPA TECHNICAL INSTITUTE	TAMPA	FL	33603
190079	BAUDER FASHION COLLEGE	MIAMI	FL	33131
190146	ORANGE MEMORIAL HOSPITAL SCH OF X-RAY TECHN	ORLANDO	FL	32806
191504	ASSOCIATED SCHOOLS, INC.	N MIAMI BEACH	FL	33162
191515	CHARRON WILLIAMS COLLEGE	MIAMI	FL	33130
191523	JACKSON MEMORIAL HOSPITAL SCHOOL OF NURSING	MIAMI	FL	33136
191694	FLORIDA COLLEGE OF MEDICAL AND DENTAL CAREERS	JACKSONVILLE	FL	32211
191735	RADIO ENGINEERING SCHOOLS	SARASOTA	FL	33577
191743	SOUTHEASTERN ACADEMY INC	KISSIMMEE	FL	32741
191768	GEORGE T BAKER AVIATION SCHOOL	MIAMI	FL	33142
199001	SAINT AUGUSTINE TECHNICAL CENTER	SAINT AUGUSTINE	FL	32084
199002	LINDSEY HOPKINS EDUCATIONAL CENTER	MIAMI	FL	33132
199005	MANATEE VOCATIONAL-TECHNICAL CENTER	BRADENTON	FL	33507
199013	LAKE COUNTY AREA VOCATIONAL-TECHNICAL CENTER	EUSTIS	FL	32726
199020	MID-FLORIDA TECHNICAL INSTITUTE	ORLANDO	FL	32809
199021	SHERIDAN VOCATIONAL CENTER	HOLLYWOOD	FL	33021
200002	AMERICAN COLLEGE FOR THE APPLIED ARTS	ATLANTA	GA	30328
200138	ATLANTA COLLEGE OF MEDICAL-DENTAL ASSTS	ATLANTA	GA	30309
200139	ATLANTA SCHOOL OF FASHION AND DESIGN	ATLANTA	GA	30309
200140	DEVRY INSTITUTE OF TECHNOLOGY	CHAMBLEE	GA	30341
200141	MASSEY BUSINESS COLLEGE	ATLANTA	GA	30301
200142	CONTROL DATA INSTITUTE	ATLANTA	GA	30315
201517	MEMORIAL MEDICAL CENTER SCH OF X-RAY TECHN	SAVANNAH	GA	31404
201580	ATLANTA COLLEGE OF BUSINESS	ATLANTA	GA	30309
209001	ALBANY AREA VOCATIONAL-TECHNICAL SCHOOL	ALBANY	GA	31701
209002	ATLANTA AREA TECHNICAL SCHOOL	ATLANTA	GA	30310
209005	DE KALB AREA VOC-TECH SCHOOL	CLARKSTON	GA	30021
209006	LANIER AREA VOCATIONAL-TECHNICAL SCHOOL	OAKWOOD	GA	30566
209009	ATHENS AREA VOCATIONAL-TECHNICAL SCHOOL	ATHENS	GA	30610
209013	GRIFFIN-SPALDING CO VOC-TECH SCHOOL	GRIFFIN	GA	30223
209014	MACON AREA VOCATIONAL-TECHNICAL SCHOOL	MACON	GA	31201

<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>
209017	SAVANNAH AREA VOCATIONAL-TECHNICAL SCHOOL	SAVANNAH	GA	31401
209018	SWAINSBORO AREA VOCATIONAL-TECHNICAL SCHOOL	SWAINSBORO	GA	30401
209020	VALDOSTA AREA VOCATIONAL-TECHNICAL SCHOOL	VALDOSTA	GA	31601
209022	SOUTH GEORGIA VOCATIONAL-TECHNICAL SCHOOL	AMERICUS	GA	31709
210007	CANNON'S INTERNATIONAL BUSINESS COLLEGE	HONOLULU	HI	96813
211526	HAWAII SCHOOL OF BUSINESS	HONOLULU	HI	96817
211528	KENWAY SCHOOL OF ACCOUNTING	HONOLULU	HI	96826
230008	ALLIED INSTITUTE OF TECHNOLOGY	CHICAGO	IL	60650
230021	BLESSING HOSPITAL SCHOOL OF NURSING	QUINCY	IL	62301
230024	BROWNS CAREER COLLEGE	SPRINGFIELD	IL	62703
230025	BRYMAN SCHOOL	CHICAGO	IL	60603
230027	CAMEO SCHOOL OF BEAUTY CULTURE	OAK LAWN	IL	60453
230032	CARROLL TRAVEL SCHOOL	GLENVIEW	IL	60025
230058	DOREE SCHOOL OF BEAUTY CULTURE	RIGHTON PARK	IL	60471
230094	INSURANCE SCHOOL OF CHICAGO	CHICAGO	IL	60604
230125	M S T A LEARNING CENTERS	CHICAGO	IL	60605
230133	NORTHWESTERN BUSINESS COLLEGE	CHICAGO	IL	60641
230154	SAINT JOHN'S HOSPITAL SCHOOL OF NURSING	SPRINGFIELD	IL	62701
230155	SAINT JOSEPH HOSPITAL SCHOOL OF NURSING	JOLIET	IL	60435
230169	SPARKS COLLEGE	SHELBYVILLE	IL	62565
230193	TOM NOLEN'S CHRYSLER ACADEMY	DECATUR	IL	62523
230245	RAY VOGUE SCHOOLS OF DESIGN	CHICAGO	IL	60611
230282	AMERICAN INSTITUTE OF OCCUPATIONAL TRADES	CHICAGO	IL	60639
230291	CATHERINE SCOTT SECRETARIAL SCHOOL	CHICAGO	IL	60601
231531	ILLINOIS MASONIC MED CTR	CHICAGO	IL	60657
231558	PROVIDENT HOSPITAL SCHOOL OF X-RAY TECHNOLOGY	CHICAGO	IL	60615
231584	SOUTH CHICAGO COMM HOSPITAL RADIOLOGIC TECHN	CHICAGO	IL	60617
232450	TAYLOR BUSINESS INSTITUTE	CHICAGO	IL	60601
236007	AMERICAN INSTITUTE OF BANKING	CHICAGO	IL	60604
236016	BRYANT & STRATTON COLLEGE	CHICAGO	IL	60604
238012	CITY COLLEGE OF CHICAGO--MALCOLM X	CHICAGO	IL	60612
240096	PROFESSIONAL CAREERS INSTITUTES INC	INDIANAPOLIS	IN	46268
240302	HOUSE OF JAMES BEAUTY COLLEGE	INDIANAPOLIS	IN	46224
240341	INDIANA BUSINESS COLLEGE	COLUMBUS	IN	47201
240353	INDIANA BUSINESS COLLEGE	TERRE HAUTE	IN	47807
240365	INDIANA COLLEGE OF COMMERCE	HAMMOND	IN	46323
240568	LINCOLN TECHNICAL INSTITUTE	INDIANAPOLIS	IN	46202
240604	MERRILLVILLE BEAUTY COLLEGE	MERRILLVILLE	IN	46410
241007	DON ROBERTS BEAUTY SCHOOLS	EAST CHICAGO	IN	46312
241506	I T T TECHNICAL INSTITUTE	FORT WAYNE	IN	46808
246008	HOUSE OF JAMES BEAUTY COLLEGE	INDIANAPOLIS	IN	46219
246015	SAWYER COLLEGE OF BUSINESS	HAMMOND	IN	46320
249012	INDIANA VOC-TECH COLLEGE--NORTHWEST	GARY	IN	46409
250050	HAMILTON COLLEGE	MASON CITY	IA	50401
250093	CAPRI COSMETOLOGY COLLEGE	CEDAR RAPIDS	IA	52401
250135	SAINT LUKES HOSPITAL SCHOOL OF NURSING	CEDAR RAPIDS	IA	52402
251522	SAINT LUKE'S SCHOOL OF NURSING	SIOUX CITY	IA	51104
260089	WICHITA BUSINESS COLLEGE	GLENDALE	KS	65302
266002	ACADEMY OF HAIR DESIGN	SALINA	KS	67401
266022	CAPITOL CITY BARBER COLLEGE	TOPEKA	KS	66608
269003	FLINT HILL AREA VOC-TECH SCHOOL	EMPORIA	KS	66801
269006	KANSAS CITY AREA VOC-TECH SCHOOL	KANSAS CITY	KS	66104

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269011	NORTH CENTRAL KANSAS AREA VOC-TECH SCHOOL	BELOIT	KS	67420
270012	EZELL BEAUTY SCHOOL	MURRAY	KY	42071
271524	HOUSE OF JAMES BEAUTY COLLEGE	LOUISVILLE	KY	40219
271525	HOUSE OF JAMES BEAUTY COLLEGE	LOUISVILLE	KY	40206
279009	MAYO STATE VOC-TECH SCHOOL	PAINTSVILLE	KY	41240
279502	ELIZABETHTOWN COMMUNITY COLLEGE	ELIZABETHTOWN	KY	42701
280010	MEADOWS-DRAUGHON COLLEGE	NEW ORLEANS	LA	70119
280084	MOLER BEAUTY COLLEGE	NEW ORLEANS	LA	70119
280106	DELTA SCHOOL OF BUSINESS	BATON ROUGE	LA	70805
281523	WESTBANK BUSINESS COLLEGE	MARRERO	LA	70072
289012	HAMMOND AREA VOCATIONAL SCHOOL	HAMMOND	LA	70401
289030	T H HARRIS V. CATIONAL-TECHNICAL SCHOOL	OPELOUSAS	LA	70570
299009	KENNEBEC VALLEY VOCATIONAL-TECHNICAL INSTITUT	WATERVILLE	ME	04901
300140	LINCOLN TECHNICAL INSTITUTE	BALTIMORE	MD	21229
300266	MARYLAND DRAFTING INSTITUTE	HYATTSVILLE	MD	20783
301577	DIESEL INSTITUTE OF AMERICA	LANDOVER	MD	20785
310031	BROCKTON ACADEMY OF BEAUTY CULTURE	BROCKTON	MA	02401
310038	BRYMAN SCHOOL	BROOKLINE	MA	02146
310096	EXECUTIVE FLYERS AVIATION ACADEMY	BEDFORD	MA	01730
310144	LA BARON HAIRDRESSING ACADEMY	NEW BEDFORD	MA	02740
310211	NEW ENGLAND SCHOOL OF ART & DESIGN	BOSTON	MA	02116
310600	LEE INSTITUTE OF REAL ESTATE	BROOKLINE	MA	02139
311537	LYNN VOCATIONAL-TECHNICAL INSTITUTE	LYNN	MA	01902
313025	NEW ENGLAND BAPTIST HOSP SCH OF NURSING	BOSTON	MA	02120
316005	BOSTON BUSINESS SCHOOL	BOSTON	MA	02215
316011	BUTERA SCHOOL OF ART	BOSTON	MA	02116
320041	DETROIT BUSINESS INSTITUTE	DETROIT	MI	48226
320085	MERCY CENTRAL SCHOOL OF NURSING	GRAND RAPIDS	MI	49503
320088	MICHIGAN CAREER INSTITUTE	DETROIT	MI	48205
320133	SAINT JOSEPH HOSPITAL SCHOOL OF X-RAY TECHN	MOUNT CLEMENS	MI	48044
330016	CONTROL DATA INSTITUTE	MINNEAPOLIS	MN	55401
330029	DUNWOODY INDUSTRIAL INSTITUTE	MINNEAPOLIS	MN	55403
330075	MC CONNELL SCHOOL	MINNEAPOLIS	MN	55402
330089	MINNESOTA SCHOOL OF BUSINESS	MINNEAPOLIS	MN	55402
330100	NORTHWESTERN ELECTRONICS INSTITUTE	MINNEAPOLIS	MN	55406
330106	LOWTHIAN COLLEGE	MINNEAPOLIS	MN	55403
331558	NINE ONE SIX AREA VOC-TECH INST	SAINT PAUL	MN	55110
331604	RICHFIELD BEAUTY COLLEGE	MINNEAPOLIS	MN	55423
339010	ANOKA-HENNEPIN AREA VOCATIONAL-TECHNICAL INST	ANOKA	MN	55303
339011	DETROIT LAKES AREA VOCATIONAL-TECHNICAL INST	DETROIT LAKES	MN	56501
339013	MANKATO AREA VOCATIONAL-TECHNICAL INSTITUTE	NORTH MANKATO	MN	56001
339014	MOORHEAD AREA VOCATIONAL-TECHNICAL INSTITUTE	MOORHEAD	MN	56560
339015	BRAINERD AREA VOCATIONAL-TECHNICAL INSTITUTE	BRAINERD	MN	56401
339016	DAKOTA COUNTY AREA VOCATIONAL-TECHNICAL INST	ROSEMOUNT	MN	55068
339018	ALBERT LEA AREA VOCATIONAL-TECHNICAL INSTITUT	ALBERT LEA	MN	56007
339019	MINNEAPOLIS AREA VOCATIONAL-TECHNICAL INST	MINNEAPOLIS	MN	55404
339020	HENNEPIN TECHNICAL CENTERS	MINNEAPOLIS	MN	55427
339025	ROCHESTER AREA VOCATIONAL-TECHNICAL INST	ROCHESTER	MN	55901
339027	PINE TECHNICAL INST	PINE CITY	MN	55063
339028	PIPESTONE AREA VOCATIONAL-TECHNICAL INST	PIPESTONE	MN	56164
339029	SAINT PAUL VOCATIONAL-TECHNICAL INST	SAINT PAUL	MN	55102
339030	FARIBAULT AREA VOCATIONAL-TECHNICAL INSTITUTE	FARIBAULT	MN	55021

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339041	RED WING AREA VOCATIONAL-TECHNICAL INSTITUTE	RED WING	MN	55066
340010	DRAUGHON BUSINESS COLLEGE	JACKSON	MS	39205
340012	PHILLIPS COLLEGE	JACKSON	MS	39201
350002	CASTERS BEAUTY ACADEMY	SAINT JOSEPH	MO	64501
350039	KANSAS CITY BUSINESS COLLEGE	KANSAS CITY	MO	64106
350065	CAPE GIRARDEAU SCHOOL OF BEAUTY CULTURE	CAPE GIRARDEAU	MO	63701
350067	BELSAW INSTITUTE	KANSAS CITY	MO	64111
350079	BROWNS BUSINESS AND SECRETARIAL SCHOOL	SAINT LOUIS	MO	63044
350086	SANFORD-BROWN COLLEGE OF BUSINESS	SAINT ANN	MO	63074
350092	PLATT COLLEGE	SAINT JOSEPH	MO	64501
350100	CONTROL DATA INSTITUTE	SAINT LOUIS	MO	63108
350101	RANKEN TECHNICAL INSTITUTE	SAINT LOUIS	MO	63113
350105	KANSAS CITY COLLEGE OF MEDICAL & DENTAL ASSTS	KANSAS CITY	MO	64108
351521	NORTH KANSAS CITY MEM HOSP--RADIOLOGIC TECHN	KANSAS CITY	MO	64116
351545	BAILEY TECHNICAL SCHOOL	KANSAS CITY	MO	64137
356023	HICKEY SCHOOLS	SAINT LOUIS	MO	63117
359022	SOUTH CENTRAL AREA PRACTICAL NURSING SCHOOL	WEST PLAINS	MO	65775
359504	LINN TECHNICAL COLLEGE	LINN	MO	65051
359506	CAPE GIRARDEAU AREA VOCATIONAL SCHOOL	CAPE GIRARDEAU	MO	63701
366001	MR RICH'S BEAUTY COLLEGE	MISSOULA	MT	59801
369001	HELENA VOCATIONAL-TECHNICAL CENTER	HELENA	MT	59601
369003	BUTTE VOCATIONAL TECHNICAL CENTER	BUTTE	MT	59701
369004	GREAT FALLS VOCATIONAL TECHNICAL CENTER	GREAT FALLS	MT	59405
370027	BISHOP CLARKSON MEMORIAL HOSP SCH OF NURSING	OMAHA	NE	68131
379501	NEBRASKA SCH OF TECH AG, U OF	CURTIS	NE	69025
400019	PLAZA SCHOOL	PARAMUS	NJ	07652
400026	DEVRY TECHNICAL INSTITUTE	WOODBIDGE	NJ	07095
400050	CITTONE SCHOOL OF MACHINE SHORTHAND	EDISON	NJ	08817
400065	PAN AMERICAN BUSINESS SCHOOL	UNION CITY	NJ	07087
400069	ESSEX COLLEGE OF BUSINESS	NEWARK	NJ	07102
400091	ROBERTS WALSH BUSINESS SCHOOL	UNION	NJ	07083
400094	SAWYER SCHOOL OF BUSINESS	ELIZABETH	NJ	07208
400105	TAYLOR BUSINESS INST	BRIDGEVIEW	NJ	08807
400115	CAPRI INSTITUTE OF HAIR DESIGN	CLIFTON	NJ	07011
400136	PARISIAN BEAUTY ACADEMY	HACKENSACK	NJ	07601
400140	WILFRED ACADEMY OF HAIR & BEAUTY CULTURE	RED BANK	NJ	07701
400179	TETERBORO SCHOOL OF AERONAUTICS	TETERBORO	NJ	07608
400240	OVERLOOK HOSPITAL SCHOOL OF RADIOLOGIC TECHN	SUMMIT	NJ	07901
400258	SAINT PETERS MEDICAL CENTER SCH OF NURSING	NEW BRUNSWICK	NJ	08903
400274	ESSEX COUNTY TECHNICAL CAREER CENTER	NEWARK	NJ	07103
401505	COOPER MEDICAL CENTER SCH OF NURSING	CAMDEN	NJ	08103
401520	MORRIS COUNTY AREA VOCATIONAL TECHNICAL SCHOO	DENVILLE	NJ	07834
401522	MUHLENBERG HOSP SCH OF RADIOLOGIC TECHNOLOGY	PLAINFIELD	NJ	07061
401555	TAYLOR BUSINESS INSTITUTE	PARAMUS	NJ	07652
401588	UNION TECHNICAL INSTITUTE	EATONTOWN	NJ	07751
401590	LYONS INSTITUTE	CLARK	NJ	07066
406015	FIRST SCHOOL SECRETARIAL	EAST ORANGE	NJ	07018
409016	CAPE MAY COUNTY AREA VOC-TECH CENTER	CAPE MAY C H	NJ	08210
409018	NEWARK SKILLS CENTER	NEWARK	NJ	07104
410006	DE WOLFF COLLEGE HAIR STYLING & COSMETOLOGY	ALBUQUERQUE	NM	87110
410007	VO-TECH INSTITUTE	ALBUQUERQUE	NM	87192
419001	ALBUQUERQUE TECHNICAL-VOCATIONAL INSTITUTE	ALBUQUERQUE	NM	87106

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419005	LUNA AREA VOCATIONAL SCHOOL	LAS VEGAS	NM	87701
419500	SOUTHWESTERN INDIAN POLYTECHNIC INSTITUTE	ALBUQUERQUE	NM	87114
420254	FLUSHING HOSPITAL MED CENTER SCH OF NURSING	FLUSHING	NY	11355
420383	MANDL SCHOOL FOR MEDICAL & DENTAL ASSISTANTS	HEMPSTEAD	NY	11550
420384	MANDL SCHOOL FOR MEDICAL & DENTAL ASSISTANTS	NEW YORK	NY	10019
420404	MEDICAL AID TRAINING SCHOOL OF BROOKLYN	BROOKLYN	NY	11217
420425	MILLARD FILLMORE HOSPITAL SCH OF X-RAY TECHN	BUFFALO	NY	14209
420429	MODERN WELDING SCHOOL	SCHENECTADY	NY	12306
420467	NEW YORK BUSINESS SCHOOL	NEW YORK	NY	10018
420518	OUR LADY OF VICTORY SECRETARIAL SCHOOL	PLATTSBURGH	NY	12901
420623	SAMARITAN HOSPITAL SCHOOL OF NURSING	TROY	NY	12180
420671	TAYLOR BUSINESS INSTITUTE	HEMPSTEAD	NY	11550
420734	WESTCHESTER BUSINESS INSTITUTE	WHITE PLAINS	NY	10606
420817	NEW YORK SCHOOL OF COMPUTER TECHNOLOGY	NEW YORK	NY	10019
421561	CHAMPLAIN VALLEY MED CTR SCH OF X-RAY TECHN	PLATTSBURGH	NY	12901
421582	DRAKE BUSINESS SCHOOL	FLUSHING	NY	11355
421584	DRAKE BUSINESS SCHOOL	NEW YORK	NY	10038
421693	SUPERIOR CAREER INSTITUTE	NEW YORK	NY	10011
421763	WILFRED ACADEMY OF HAIR & BEAUTY CULTURE	NEW YORK	NY	10016
450035	BARBIZON SCHOOL OF MODELING	AKRON	OH	44313
450054	AULTMAN HOSPITAL SCHOOL OF RADIOLOGIC TECHN	CANTON	OH	44710
450065	RAEDEL COLLEGE AND SECRETARIAL SCHOOL	CANTON	OH	44702
450155	AIRCO TECHNICAL INSTITUTE	CLEVELAND	OH	44103
450157	ALLSTATE BARBER & HAIRSTYLING COLLEGE	CLEVELAND	OH	44113
450179	CLEVELAND INSTITUTE OF ELECTRONICS	CLEVELAND	OH	44114
450210	INSTITUTE OF COMPUTER MANAGEMENT	CLEVELAND	OH	44114
450325	OHIO STATE SCHOOL OF COSMETOLOGY	COLUMBUS	OH	43215
450426	GALLIPOLIS BUSINESS COLLEGE	GALLIPOLIS	OH	45631
450431	VOGUE BEAUTY ACADEMY	CLEVELAND	OH	44125
450469	LORAIN BUSINESS COLLEGE	LORAIN	OH	44055
450480	MANSFIELD BUSINESS COLLEGE	MANSFIELD	OH	44905
450554	HANNAH E MULLINS SCHOOL OF PRACTICAL NURSING	SALEM	OH	44460
450616	NATIONAL SCHOOL OF MEAT CUTTING	TOLEDO	OH	43604
450684	YOUNGSTOWN COLLEGE OF BUSINESS & PROF DRAFTIN	YOUNGSTOWN	OH	44501
450714	AUTOMATION ACADEMY	CLEVELAND	OH	44115
451622	TRUMBULL MEM HOSP SCH OF ANESTHESIOLOGY	WARREN	OH	44483
451625	CUYAHOGA COMMUNITY COLLEGE--EASTERN CAMPUS	WARRENSVEL TWP	OH	44122
456009	ELECTRONIC TECHNOLOGY INSTITUTE	CLEVELAND	OH	44103
456031	SAWYER COLLEGE OF BUSINESS	CLEVELAND	OH	44118
458010	CUYAHOGA COMMUNITY COLLEGE--METRO CAMPUS	CLEVELAND	OH	44115
458011	CUYAHOGA COMMUNITY COLLEGE--WESTERN CAMPUS	PARMA HEIGHTS	OH	44130
459137	DAYTON SCHOOL OF PRACTICAL NURSING	DAYTON	OH	45406
459140	LAKEWOOD SCHOOL OF PRACTICAL NURSING	LAKEWOOD	OH	44107
460023	EVE'S COLLEGE OF HAIR STYLING	LAWTON	OK	73501
460090	FULLERTON MODELING AGENCY & CASTING	OKLAHOMA CITY	OK	73121
460118	SOUTHWEST TECHNICAL COLLEGE	OKLAHOMA CITY	OK	73129
461503	P WILLIS SKILL CENTER	TAHLEQUAH	OK	74464
461509	INDIAN MERIDIAN AREA VOC-TECH SCHOOL	STILLWATER	OK	74074
461536	KIAMICHI AREA VOCATIONAL-TECHNICAL SCHOOL	IDABEL	OK	74747
466017	BRYAN INSTITUTE	TULSA	OK	74119
469016	GORDON-COOPER AREA VOCATIONAL-TECHNICAL SCHOO	SHAWNEE	OK	74801
469505	GREAT PLAINS AREA VOCATIONAL-TECHNICAL SCHOOL	LAWTON	OK	73501



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470100	EXECUTIVE INSTITUTE OF HAIR DESIGN	PORTLAND	OR	97215
470173	ALBANY COLLEGE OF BEAUTY	ALBANY	OR	97321
480059	AMERICAN BUSINESS INSTITUTE	PHILADELPHIA	PA	19103
480081	ART INSTITUTE OF PITTSBURGH	PITTSBURGH	PA	15222
480135	BRADFORD SCHOOL	PITTSBURGH	PA	15222
480183	CENTRAL PENNSYLVANIA BUSINESS SCHOOL	SUMMERDALE	PA	17093
480228	COMPUTER SYSTEMS INSTITUTE	PITTSBURGH	PA	15222
480287	ELECTRONIC INSTITUTES	PITTSBURGH	PA	15217
480310	EMPIRE BEAUTY SCHOOL INC	POTTSVILLE	PA	17901
480312	EMPIRE BEAUTY SCHOOL	SCRANTON	PA	18503
480325	FAYETTE INSTITUTE OF COMMERCIAL TECHNOLOGY	UNIONTOWN	PA	15401
480348	GATEWAY TECHNICAL INSTITUTE	PITTSBURGH	PA	15222
480526	JAMESON MEMORIAL HOSPITAL SCHOOL OF NURSING	NEW CASTLE	PA	16101
480629	MEDIAN SCHOOL	PITTSBURGH	PA	15222
480767	PHILADELPHIA SCHOOL OF OFFICE TRAINING	PHILADELPHIA	PA	19103
480772	PHILADELPHIA TECHNICAL INSTITUTE SCH OF TRADE	PHILADELPHIA	PA	19107
480773	PHILADELPHIA TRAINING CENTER	PHILADELPHIA	PA	19103
480853	SAWYER SCHOOL	PITTSBURGH	PA	15222
480878	SHENAGO VALLEY COMMERCIAL INSTITUTE	SHARON	PA	16146
480963	STROUDSBURG SCHOOL OF COSMETOLOGY	STROUDSBURG	PA	18360
480993	TRI-CITY BARBER SCHOOL	PHILADELPHIA	PA	19141
481031	WASHINGTON HOSPITAL SCHOOL OF NURSING	WASHINGTON	PA	15301
481052	WILFRED ACADEMY OF HAIR & BEAUTY CULTURE	PHILADELPHIA	PA	19103
481060	WILMA BOYD CAREER SCHOOL	PITTSBURGH	PA	15219
481532	COMMUNITY COLLEGE OF ALLEGHENY COUNTY	PITTSBURGH	PA	15237
481535	CONNELLEY SKILL LEARNING CENTER	PITTSBURGH	PA	15219
481550	FRANKLIN COUNTY AREA VOC-TECH SCH PRAC NRSG	CHAMBERSBURG	PA	17201
481561	HAMOT MEDICAL CENTER SCHOOL OF ANESTHESIA	ERIE	PA	16512
481582	MC KEESPORT HOSPITAL SCHOOL OF X-RAY TECHN	MC KEESPORT	PA	15132
481599	NATIONAL SCHOOL OF HEALTH TECHNOLOGY	PHILADELPHIA	PA	19103
481738	INTERNATIONAL CORRESPONDENCE SCHOOLS	SCRANTON	PA	18515
481759	AIRCO TECHNICAL INSTITUTE	PITTSBURGH	PA	15212
488560	OPPORTUNITIES INDUSTRIALIZATION CENTER	PHILADELPHIA	PA	19122
489515	LAWRENCE COUNTY AREA VOC-TECH SCHOOL	NEW CASTLE	PA	16101
490026	KATHARINE GIBBS SCHOOL	PROVIDENCE	RI	02906
500041	RUTLEDGE COLLEGE	GREENVILLE	SC	29607
500048	COLUMBIA JUNIOR COLLEGE OF BUSINESS	COLUMBIA	SC	29201
509012	WILLIAMSBURG TECHNICAL COLLEGE	KINGSTREE	SC	29556
510019	NETTLETON COMMERCIAL COLLEGE	SIOUX FALLS	SD	57102
510035	STEWART SCHOOL OF HAIRSTYLING	ABERDEEN	SD	57401
519001	LAKE AREA VOC-TECH INSTITUTE	WATERTOWN	SD	57201
520028	AMERICAN COLLEGE	MEMPHIS	TN	38114
520031	MILLER-HAWKING BUSINESS COLLEGE	MEMPHIS	TN	38104
520039	NASHVILLE AUTO DIESEL COLLEGE	NASHVILLE	TN	37206
520073	ANN'S BEAUTY SCHOOL	GALLATIN	TN	37066
520206	TENNESSEE SCH PRACTICAL NURSING	MARYVILLE	TN	37801
520269	MID-SOUTH BEAUTY ACADEMY	CHATTANOOGA	TN	37407
520402	JESSE H JONES HOSPITAL SCH OF PRACTICAL NURSE	SPRINGFIELD	TN	37172
521504	BAPTIST MEMORIAL HOSPITAL SCHOOL OF NURSING	MEMPHIS	TN	38104
526015	MEMPHIS SKILLS CENTER	MEMPHIS	TN	38105
529007	COVINGTON STATE AREA VOC-TECH SCHOOL	COVINGTON	TN	38019
529008	CROSSVILLE STATE AREA VOC-TECH SCHOOL	CROSSVILLE	TN	38555

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590129	MANPOWER BUSINESS TRAINING INSTTUTE	MILWAUKEE	WI	53203
599002	WISCONSIN INDIANHEAD TECHNICAL INSTITUTE	ASHLAND	WI	54806
599003	MORAIN PARK TECHNICAL INSTITUTE	BEAVER DAM	WI	53916
599504	MILWAUKEE AREA TECHNICAL COLLEGE	OAK CREEK	WI	53154
599506	MILWAUKEE AREA TECHNICAL COLLEGE	MILWAUKEE	WI	53203
641502	MIGUEL SUCH METROPLOITAN VOCATIONAL SCHOOL	RIO PIEDRAS	RQ	00931
800008	AMERICAN COLLEGE IN PARIS	FRANCE	RE	
800011	AMERICAN INST FOR FOREIGN SCH	ITALY	RE	
800014	AMERICAN UNIVERSITY IN CAIRO	EGYPT	RE	
800017	UNIV. NATIONAL OF HONDURAS	HONDURAS	RE	
800021	J. NEHRU UNIVERSITY	INDIA	RE	
800022	JERUSALEM INSTITUTE	ISRAEL	RE	
800023	UNIVERSITY OF MONTERREY	MEXICO	RE	
800024	PREPARATORY #2	MEXICO	RE	
800025	ASO VUXEN GYMNASIUM	SWEDEN	RE	
800031	DAWSON COLLEGE	CANADA	RE	
800034	ALIANZA FRANCESA	MEXICO	RE	
800035	UNIV. CATOLICA MADRE Y MAESTRA	DOMINICAN REPUB	RE	
800036	IUT OF STRASBOURG	FRANCE	RE	
800037	JERUSALEM TORAH COLLEGE	ISRAEL	RE	
800047	LONDON POLYTECHNIC	ENGLAND	RE	
800052	HAIFA UNIVERSITY	ISRAEL	RE	
800054	STOCKHOLM SCHOOL OF ECONOMICS	SWEDEN	RE	
800055	KINGS COLLEGE OF THE STRAND	ENGLAND	RE	
800059	CITY UNIVERSITY	ENGLAND	RE	
800061	EUROCENTE	FRANCE	RE	
800062	ST. LUCIA SCHOOL OF MEDICINE, UNIV. OF	WEST INDIES	RE	
800067	RICHMOND COLLEGE - KENNSINGTON CAMPUS	ENGLAND	RE	
800078	UNIVERSITE DE PARIS	FRANCE	RE	
800099	CAEN, UNIVERSITY OF	FRANCE	RE	
800102	DOSHISHA UNIVERSITY	JAPAN	RE	



<u>FICE</u>	<u>SCHOOL</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>
529019	STATE AREA VOCATIONAL-TECHNICAL SCHOOL	KNOXVILLE	TN	37919
529031	NASHVILLE STATE AREA VOCATIONAL-TECHNICAL SCH	NASHVILLE	TN	37209
529038	JACKSBORO STATE AREA VOCATIONAL-TECHNICAL SCH	JACKSBORO	TN	37757
529050	SEA ISLE VOCATIONAL TECHNICAL CENTER	MEMPHIS	TN	38117
529501	PARIS STATE AREA VOCATIONAL-TECHNICAL SCHOOL	PARIS	TN	38242
530115	FASHION & ART INSTITUTE OF DALLAS	DALLAS	TX	75207
530123	EASONS INSTITUTE OF TECHNOLOGY	SAN ANTONIO	TX	78205
530197	LUBBOCK BARBER COLLEGE	LUBBOCK	TX	79410
530231	FORT WORTH SCHOOL OF BUSINESS	FORT WORTH	TX	76107
530248	DURHAM COLLEGE	SAN ANTONIO	TX	78212
530251	INTERNATIONAL BUSINESS COLLEGE	EL PASO	TX	79901
530263	NIXON-CLAY COMMERCIAL COLLEGE	AUSTIN	TX	78767
531553	HUNTSVILLE MEMORIAL HOSPITAL SCH VOC NURSING	HUNTSVILLE	TX	77340
531593	WICHITA FALLS SCHOOL OF VOCATIONAL NURSING	WICHITA FALLS	TX	76301
531614	SOUTHWEST SCHOOL OF MEDICAL ASSISTANTS	SAN ANTONIO	TX	78205
531650	TARRANT CITY JUNIOR COLLEGE--NORTHEAST CAMPUS	HURST	TX	76053
531774	TARRANT COUNTY JUNIOR COLLEGE--NORTHWEST CAMP	FORT WORTH	TX	76106
533358	TARRANT COUNTY JUNIOR COLLEGE--SOUTH CAMPUS	FORT WORTH	TX	76102
536023	BRANIFF EDUCATIONAL SYSTEM	DALLAS	TX	75235
536031	DALLAS COURT REPORTING COLLEGE	DALLAS	TX	75247
536100	SAN ANTONIO TRADE SCHOOL	SAN ANTONIO	TX	78210
536115	TEXAS SOUTHEAST COLLEGE	BROWNSVILLE	TX	78520
536127	EL PASO TRADE SCHOOL	EL PASO	TX	79901
539008	TEXAS A & M UNIVERSITY--EXTENSION	COLLEGE STATION	TX	77843
539085	SAN ANTONIO COLLEGE OF MED-DENTAL ASSISTANTS	SAN ANTONIO	TX	78201
540053	INTERNATIONAL INSTITUTE OF HAIR DESIGN	MIDVALE	UT	84047
560022	NORTHERN VIRGINIA BUSINESS COLLEGE	FALLS CHURCH	VA	22042
560124	COMMONWEALTH COLLEGE	VIRGINIA BEACH	VA	23452
560231	ELECTRONIC COMPUTER PROGRAMMING INSTITUTE	NORFOLK	VA	23502
560240	NORFOLK COLLEGE	NORFOLK	VA	23510
560242	KEES BUSINESS COLLEGE	NORFOLK	VA	23513
560320	RUTLEDGE COLLEGE	RICHMOND	VA	23220
560627	PHILLIPS BUSINESS COLLEGE	LYNCHBURG	VA	24505
561522	RIVERSIDE HOSPITAL SCH OF PROF NURSING	NEWPORT NEWS	VA	23601
570030	BURNLEY SCHOOL OF PROFESSIONAL ART	SEATTLE	WA	98122
570111	GRIFFIN BUSINESS COLLEGE	SEATTLE	WA	98121
570124	J M PERRY INSTITUTE	YAKIMA	WA	98903
570187	NATIONAL BARBER COLLEGE	TACOMA	WA	98499
571016	GLEN DOW ACADEMY OF HAIR DESIGN	SPOKANE	WA	99201
571509	G & L SCHOOL OF BEAUTY	SUNNYSIDE	WA	98944
572007	I T T SCHOOL OF BUSINESS	SEATTLE	WA	98109
576012	CASCADE COLLEGE OF COMMERCE	BELLINGHAM	WA	98225
579002	BELLINGHAM VOCATIONAL-TECHNICAL SCHOOL	BELLINGHAM	WA	98225
579003	CLOVER PARK VOCATIONAL-TECHNICAL INSTITUTE	TACOMA	WA	98499
579501	BATES VOCATIONAL-TECHNICAL INSTITUTE	TACOMA	WA	98405
580059	WEST VIRGINIA CAREER COLLEGE	MORGANTOWN	WV	26505
589005	HAMPSHIRE COUNTY CAREER TRAINING CENTER	ROMNEY	WV	26757
589010	MERCER COUNTY VOCATIONAL-TECHNICAL CENTER	PRINCETON	WV	24740
590052	AMERICAN BEAUTY COLLEGE	RACINE	WI	53403
590062	IBA CITY COLLEGE	APPLETON	WI	54911
590080	PATRICIA STEVENS CAREER COLLEGE	MILWAUKEE	WI	53201
590103	MILWAUKEE STRATTON COLLEGE	MILWAUKEE	WI	53202

**APPENDIX C: Postsecondary School Codes in Alphabetical Order**

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120004	A B C WELDING SCHOOL	PHOENIX	AZ	85034
003537	ABILENE CHRSTN UNIVERSITY	ABILENE	TX	79699
001541	ABRAHAM BALDWIN AGRL C	TIFTON	GA	31793
266002	ACADEMY OF HAIR DESIGN	SALINA	KS	67401
001345	ADAMS STATE COLLEGE	ALAMOSA	CO	81102
002666	ADELPHI UNIVERSITY	GARDEN CITY	NY	11530
002234	ADRIAN COLLEGE	ADRIAN	MI	49221
146073	ADRIAN'S BEAUTY COLLEGE	MODESTO	CA	95350
007582	AIMS COMMUNITY COLLEGE	GREELEY	CO	80631
450155	AIRCO TECHNICAL INSTITUTE	CLEVELAND	OH	44103
481759	AIRCO TECHNICAL INSTITUTE	PITTSBURGH	PA	15212
003123	AKRON MAIN CAMPUS,U OF	AKRON	OH	44325
010818	AKRON WAYNE GEN-TECH C,U	ORRVILLE	OH	44667
001002	ALABAMA A & M UNIVERSITY	NORMAL	AL	35762
029067	ALABAMA ALL INST, U OF	UNIVERSITY	AL	35486
001003	ALABAMA CHRISTIAN COLLEGE	MONTGOMERY	AL	36109
001052	ALABAMA IN BIRMINGHAM,U	BIRMINGHAM	AL	35294
001005	ALABAMA STATE UNIVERSITY	MONTGOMERY	AL	36195
008004	ALABAMA SYS OFFICE, U OF	UNIVERSITY	AL	35486
109033	ALABAMA TECHNICAL COLLEGE	GADSDEN	AL	35903
008306	ALAMEDA, COLLEGE OF	ALAMEDA	CA	94501
110006	ALASKA BUSINESS COLLEGE	ANCHORAGE	AK	99503
001066	ALASKA KENAI CC, U OF	SOLDOTNA	AK	99669
001063	ALASKA U FAIRBANKS CAMPUS	FAIRBANKS	AK	99701
002996	ALASKA U SOUTHEASTERN ALL CAM	WAHPETON	ND	58075
209001	ALBANY AREA VOCATIONAL-TECHNICAL SCHOOL	ALBANY	GA	31701
004749	ALBANY BUSINESS COLLEGE	ALBANY	NY	12210
470173	ALBANY COLLEGE OF BEAUTY	ALBANY	OR	97321
001544	ALBANY STATE COLLEGE	ALBANY	GA	31705
339018	ALBERT LEA AREA VOCATIONAL-TECHNICAL INSTITUT	ALBERT LEA	MN	56007
001374	ALBERTUS MAGNUS COLLEGE	NEW HAVEN	CT	06511
002235	ALBION COLLEGE	ALBION	MI	49224
419001	ALBUQUERQUE TECHNICAL-VOCATIONAL INSTITUTE	ALBUQUERQUE	NM	87106
002662	ALBUQUERQUE, UNIVERSITY OF	ALBUQUERQUE	NM	87140
002396	ALCORN STATE UNIVERSITY	LORMAN	MS	39096
003806	ALDERSON BROADDUS COLLEGE	PHILIPPI	WV	26416
001007	ALEXANDER CITY STATE JC	ALEXANDER CY	AL	35010
008775	ALFRED U ALL CAMPUSES	ALFRED	NY	14802
002668	ALFRED UNIVERSITY	ALFRED	NY	14802
800034	ALIANZA FRANCESA	MEXICO	RE	
001951	ALICE LLOYD COLLEGE	PIPPA PASSES	KY	41844
001111	ALLAN HANCOCK COLLEGE	SANTA MARIA	CA	93454
002057	ALLEGANY CMTY COLLEGE	CUMBERLAND	MD	21502
004052	ALLEGHENY CO BOYCE CAM,CC	MONROEVILLE	PA	15146
029101	ALLEGHENY CO C C NORTH CAM	PITTSBURGH	PA	15237
003231	ALLEGHENY CO CEN OFF,CC	PITTSBURGH	PA	15222
007184	ALLEGHENY CO SOUTH CAM,CC	WEST MIFFLIN	PA	15122
003230	ALLEGHENY COLLEGE	MEADVILLE	PA	16335
003417	ALLEN UNIVERSITY	COLUMBIA	SC	29204
230008	ALLIED INSTITUTE OF TECHNOLOGY	CHICAGO	IL	60650
450157	ALLSTATE BARBER & HAIRSTYLING COLLEGE	CLEVELAND	OH	44113
120018	ALLURE CAREER COLLEGE OF BEAUTY	TUCSON	AZ	85711

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002236	ALMA COLLEGE	ALMA	MI	48801
003539	ALVIN COMMUNITY COLLEGE	ALVIN	TX	77511
003540	AMARILLO COLLEGE	AMARILLO	TX	79178
007465	AMERICAN ACAD DRAMATIC ARTS	NEW YORK	NY	10016
157003	AMERICAN BEAUTY COLLEGE	GRAND JUNCTION	CO	81501
590052	AMERICAN BEAUTY COLLEGE	RACINE	WI	53403
141042	AMERICAN BUSINESS COLLEGE-TECHNICAL DIVISION	SAN DIEGO	CA	92115
480059	AMERICAN BUSINESS INSTITUTE	PHILADELPHIA	PA	19103
011941	AMERICAN C PUERTO RICO	BAYAMON	PR	00619
520028	AMERICAN COLLEGE	MEMPHIS	TN	38114
200002	AMERICAN COLLEGE FOR THE APPLIED ARTS	ATLANTA	GA	30328
800008	AMERICAN COLLEGE IN PARIS	FRANCE	RE	
800011	AMERICAN INST FOR FOREIGN SCH	ITALY	RE	
236007	AMERICAN INSTITUTE OF BANKING	CHICAGO	IL	60604
230282	AMERICAN INSTITUTE OF OCCUPATIONAL TRADES	CHICAGO	IL	60639
002114	AMERICAN INTRNATL COLLEGE	SPRINGFIELD	MA	01109
009552	AMERICAN RIVER COLLEGE	SACRAMENTO	CA	95841
120226	AMERICAN TRICHOLOGY INSTITUTE	PHOENIX	AZ	85015
001434	AMERICAN UNIVERSITY	WASHINGTON	DC	20016
800014	AMERICAN UNIVERSITY IN CAIRO	EGYPT	RE	
002115	AMHERST COLLEGE	AMHERST	MA	01002
001064	ANCHORAGE COMMUNITY COLLEGE	ANCHORAGE	AK	99504
001784	ANGILLA DOMINI COLLEGE	DONALDSON	IN	46513
001785	ANDERSON COLLEGE	ANDERSON	IN	46011
002238	ANDREWS UNIVERSITY	BERRIEN SPG	MI	49104
006661	ANGELINA COLLEGE	LUFKIN	TX	75901
003541	ANGELO STATE UNIVERSITY	SAN ANGELO	TX	76909
520073	ANN'S BEAUTY SCHOOL	GALLATIN	TN	37066
002058	ANNE ARUNDEL CMTY COLLEGE	ARNOLD	MD	21012
339010	ANOKA-HENNEPIN AREA VOCATIONAL-TECHNICAL INST	ANOKA	MN	55303
002332	ANOKA-RAMSEY CMTY COLLEGE	COON RAPIDS	MN	55433
007985	ANSON TECHNICAL COLLEGE	ANSONVILLE	NC	28007
008795	ANTIOCH UNIVERSITY	YELLOW SPG	OH	45387
007430	ANTONELLI SCH OF PHOTOGRAPHY INC	PHILADELPHIA	PA	19105
007544	APPALACHIAN BIBLE COLLEGE	BRADLEY	WV	25818
002906	APPALACHIAN ST UNIVERSITY	BOONE	NC	28608
002239	AQUINAS COLLEGE	GRAND RAPIDS	MI	49506
003477	AQUINAS JUNIOR COLLEGE	NASHVILLE	TN	37205
001346	ARAPAHOE CMTY COLLEGE	LITTLETON	CO	80120
120022	ARIZONA AUTOMOTIVE INSTITUTE	GLENDALE	AZ	85301
120107	ARIZONA COLLEGE OF MED & DENTAL CAREERS	TUCSON	AZ	85716
120189	ARIZONA COLLEGE OF TECHNOLOGY	WINKELMAN	AZ	85292
001081	ARIZONA STATE UNIVERSITY	TEMPE	AZ	85287
001071	ARIZONA WESTERN COLLEGE	YUMA	AZ	85364
001083	ARIZONA,UNIVERSITY OF	TUCSON	AZ	85721
001101	ARKANSAS AT LITTLE ROCK, U OF	LITTLE ROCK	AR	72204
029189	ARKANSAS C TECHNOLOGY	LITTLE ROCK	AR	77207
001088	ARKANSAS COLLEGE	BATESVILLE	AR	72501
001108	ARKANSAS MAIN CAMPUS,U OF	FAYETTEVILLE	AR	72701
001086	ARKANSAS PINE BLUFF,U OF	PINE BLUFF	AR	71601
008006	ARKANSAS STATE U CEN OFF	STATE UNIV	AR	72467
001090	ARKANSAS STATE UNIV MAIN CAMPUS	STATE UNIV	AR	72467

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001089	ARKANSAS TECH UNIVERSITY	RUSSELLVILLE	AR	72801
001085	ARKANSAS-MONTICELLO,U OF	MONTICELLO	AR	71655
189001	ARMSTRONG ADULT EDUCATION CENTER	WASHINGTON	DC	20001
001546	ARMSTRONG STATE COLLEGE	SAVANNAH	GA	31406
001116	ART CTR COLLEGE OF DESIGN	PASADENA	CA	91103
010195	ART INST FT LAUDERDALE	FT LAUDERDALE	FL	33316
008350	ART INST PHILADELPHIA	PHILADELPHIA	PA	19103
029187	ART INSTITUTE ATLANTA	ATLANTA	GA	30326
480081	ART INSTITUTE OF PITTSBURGH	PITTSBURGH	PA	15222
007470	ART INSTITUTE PITTSBURGH	PITTSBURGH	PA	15222
003012	ASHLAND COLLEGE	ASHLAND	OH	44805
029206	ASHLAND COMMUNITY COLLEGE	ASHLAND	KY	41101
800029	ASO VUXEN GYMNASIUM	SWEDEN	RE	
191504	ASSOCIATED SCHOOLS,INC.	N MIAMI BEACH	FL	33162
141828	ASSOCIATED TECHNICAL COLLEGE	LOS ANGELES	CA	90017
209009	ATHENS AREA VOCATIONAL-TECHNICAL SCHOOL	ATHENS	GA	30610
209002	ATLANTA AREA TECHNICAL SCHOOL	ATLANTA	GA	30310
201580	ATLANTA COLLEGE OF BUSINESS	ATLANTA	GA	30309
200138	ATLANTA COLLEGE OF MEDICAL-DENTAL ASSTS	ATLANTA	GA	30309
012165	ATLANTA JUNIOR COLLEGE	ATLANTA	GA	30310
200139	ATLANTA SCHOOL OF FASHION AND DESIGN	ATLANTA	GA	30309
002908	ATLANTIC CHRISTIAN C	WILSON	NC	27893
011385	ATLANTIC,COLLEGE OF THE	BAR HARBOR	ME	04609
008310	AUBURN U AT MONTGOMERY	MONTGOMERY	AL	36117
001009	AUBURN U MAIN CAMPUS	AUBURN	AL	36849
002334	AUGSBURG COLLEGE	MINNEAPOLIS	MN	55454
001633	AUGUSTANA COLLEGE	ROCK ISLAND	IL	61201
003458	AUGUSTANA COLLEGE	SIOUX FALLS	SD	57197
450054	AULTMAN HOSPITAL SCHOOL OF RADIOLOGIC TECHN	CANTON	OH	44710
001634	AURORA COLLEGE	AURORA	IL	60507
003543	AUSTIN COLLEGE	SHERMAN	TX	75090
012015	AUSTIN COMMUNITY COLLEGE	AUSTIN	TX	78768
003478	AUSTIN PEAY ST UNIVERSITY	CLARKSVILLE	TN	37040
450714	AUTOMATION ACADEMY	CLEVELAND	OH	44115
002449	AVILA COLLEGE	KANSAS CITY	MO	64145
001117	AZUSA PACIFIC COLLEGE	AZUSA	CA	91702
002121	BABSON COLLEGE	BABSON PARK	MA	02157
003147	BACONE COLLEGE	MUSKOGEE	OK	74401
351545	BAILEY TECHNICAL SCHOOL	KANSAS CITY	MO	64137
004673	BAKER JUNIOR COLLEGE BUS	FLINT	MI	48507
001903	BAKER UNIVERSITY	BALDWIN CITY	KS	66006
001118	BAKERSFIELD COLLEGE	BAKERSFIELD	CA	93305
003014	BALDWIN-WALLACE COLLEGE	BEREA	OH	44017
001786	BALL STATE UNIVERSITY	MUNCIE	IN	47306
002061	BALTIMORE,CMTY COLLEGE OF	BALTIMORE	MD	21215
002670	BAPT BIBLE C-SCH THEOL	CLARKS SUMMIT	PA	18411
003419	BAPTIST C AT CHARLESTOWN	CHARLESTON	SC	29411
521504	BAPTIST MEMORIAL HOSPITAL SCHOOL OF NURSING	MEMPHIS	TN	38104
001635	BARAT COLLEGE	LAKE FOREST	IL	60045
002909	BARBER-SCOTIA COLLEGE	CONCORD	NC	28025
450035	BARBIZON SCHOOL OF MODELING	AKRON	OH	44313
002671	BARD COLLEGE	ANNANDLE-HDSN	NY	12504

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002708	BARNARD COLLEGE	NEW YORK	NY	10027
003400	BARRINGTON COLLEGE	BARRINGTON	RI	02806
001466	BARRY COLLEGE	MIAMI	FL	33161
003151	BARTLESVILLE WESLEYAN C	BARTLESVILLE	OK	74003
012044	BASIC INST TECHNOLOGY	SAINT LOUIS	MO	63116
002036	BATES COLLEGE	LEWISTON	ME	04240
579501	BATES VOCATIONAL-TECHNICAL INSTITUTE	TACOMA	WA	98405
011599	BAUDER C SPECIZING CAR ED	SACRAMENTO	CA	95825
190079	BAUDER FASHION COLLEGE	MIAMI	FL	33131
011574	BAUDER FASHION COLLEGE	ATLANTA	GA	30326
010328	BAUDER FASHION COLLEGE	ARLINGTON	TX	76010
002122	BAY PATH JUNIOR COLLEGE	LONGMEADOW	MA	01106
003965	BAY STATE JC OF BUS	BOSTON	MA	02116
140029	BAY VISTA COLLEGE OF BEAUTY	NATIONAL CITY	CA	92050
006967	BAYLOR UNIVERSITY	WAGO	TX	76798
005204	BEAL COLLEGE	BANGOR	ME	04401
006807	BEAVER CO,CMTY COLLEGE OF	MONACA	PA	15061
003235	BEAVER COLLEGE	GLENSIDE	PA	19038
002123	BECKER JC	WORCESTER	MA	01609
029076	BECKER JC SYSTEM OFFICE	WORCESTER	MA	01609
003807	BECKLEY COLLEGE	BECKLEY	WV	25801
003546	BEE COUNTY COLLEGE	BEEVILLE	TX	78102
001636	BELLEVILLE AREA COLLEGE	BELLEVILLE	IL	62221
003769	BELLEVUE CMTY COLLEGE	BELLEVUE	WA	98007
009743	BELLEVUE COLLEGE	BELLEVUE	NE	68005
579002	BELLINGHAM VOCATIONAL-TECHNICAL SCHOOL	BELLINGHAM	WA	98225
002910	BELMONT ABBEY COLLEGE	BELMONT	NC	28012
003479	BELMONT COLLEGE	NASHVILLE	TN	37203
003835	BELOIT COLLEGE	BELOIT	WI	53511
350067	BELSAW INSTITUTE	KANSAS CITY	MO	64111
002336	BEMIDJI STATE U	BEMIDJI	MN	56601
003420	BENEDICT COLLEGE	COLUMBIA	SC	29204
010256	BENEDICTINE COLLEGE	ATCHISON	KS	66002
002911	BENNETT COLLEGE	GREENSBORO	NC	27420
003682	BENNINGTON COLLEGE	BENNINGTON	VT	05201
007826	BEREAN INSTITUTE	PHILADELPHIA	PA	19130
004736	BERGEN COMMUNITY COLLEGE	PARAMUS	NJ	07652
007394	BERK-CLAREMONT NEW YORK	NEW YORK	NY	10174
009076	BERKELEY SCHOOL-HICKSVL	HICKSVILLE	NY	11801
007502	BERKELEY SCHOOL,THE	LITTLE FALLS	NJ	07424
007421	BERKELEY SCHOOL,THE	WHITE PLAINS	NY	10604
002126	BERKLEE COLLEGE OF MUSIC	BOSTON	MA	02215
002167	BERKSHIRE CMTY COLLEGE	PITTSFIELD	MA	01201
001554	BERRY COLLEGE	MOUNT BERRY	GA	30149
109008	BESSEMER STATE TECHNICAL COLLEGE	BESSEMER	AL	35021
002337	BETHANY LUTHERAN COLLEGE	MANKATO	MN	56001
001787	BETHEL COLLEGE	MISHAWAKA	IN	46544
009058	BETHEL COLLEGE	SAINT PAUL	MN	55112
001467	BETHUNE COOKMAN COLLEGE	DAYTONA BEACH	FL	32015
003770	BIG BEND CMTY COLLEGE	MOSES LAKE	WA	98837
001122	BIOLA UNIV	LA MIRADA	CA	90639
001468	BISCAYNE COLLEGE	MIAMI	FL	33054



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370027	BISHOP CLARKSON MEMORIAL HOSP SCH OF NURSING	OMAHA	NE	68131
003548	BISHOP COLLEGE	DALLAS	TX	75241
002988	BISMARCK JUNIOR COLLEGE	BISMARCK	ND	58501
001638	BLACK HAWK C QUAD-CITIES	MOLINE	IL	61265
003459	BLACK HILLS STATE COLLEGE	SPEARFISH	SD	57783
001639	BLACKBURN COLLEGE	CARLINVILLE	IL	62626
230021	BLESSING HOSPITAL SCHOOL OF NURSING	QUINCY	IL	62301
003315	BLOOMSBURG STATE COLLEGE	BLOOMSBURG	PA	17815
002398	BLUE MOUNTAIN COLLEGE	BLUE MOUNTAIN	MS	38610
009684	BLUE RIDGE TECHNICAL C	FLAT ROCK	NC	28731
003809	BLUEFIELD STATE COLLEGE	BLUEFIELD	WV	24701
003016	BLUFFTON COLLEGE	BLUFFTON	OH	45817
003421	BOB JONES UNIVERSITY	GREENVILLE	SC	29614
001616	BOISE STATE UNIVERSITY	BOISE	ID	83725
013029	BORICUA COLLEGE	NEW YORK	NY	10032
012033	BOSSIER PARISH CC	BOSSIER CITY	LA	71111
316005	BOSTON BUSINESS SCHOOL	BOSTON	MA	02215
002128	BOSTON COLLEGE	CHESTNUT HILL	MA	02167
002129	BOSTON CONSV OF MUSIC	BOSTON	MA	02215
002130	BOSTON UNIVERSITY	BOSTON	MA	02215
002038	BOWDOIN COLLEGE	BRUNSWICK	ME	04011
002062	BOWIE STATE COLLEGE	BOWIE	MD	20715
008796	BOWLING GRN ST U ALL CAM	BOWLING GREEN	OH	43403
008032	BOWLING GRN ST U CEN OFF	BOWLING GREEN	OH	43403
007856	BOWLING GRN ST U FIRELDS	HURON	OH	44839
003018	BOWLING GRN ST U MAIN CAM	BOWLING GREEN	OH	43403
480135	BRADFORD SCHOOL	PITTSBURGH	PA	15222
001641	BRADLEY UNIVERSITY	PEORIA	IL	61625
339015	BRAINERD AREA VOCATIONAL-TECHNICAL INSTITUTE	BRAINERD	MN	56401
002339	BRAINERD CMTY COLLEGE	BRAINERD	MN	56401
001427	BRANDYWINE C OF WIDENER U	WILMINGTON	DE	19803
536023	BRANIFF EDUCATIONAL SYSTEM	DALLAS	TX	75235
007857	BRAZOSPORT COLLEGE	LAKE JACKSON	TX	77566
001556	BRENAU COLLEGE	GAINESVILLE	GA	30501
001470	BREVARD CMTY COLLEGE	COCOA	FL	32922
002912	BREVARD COLLEGE	BREVARD	NC	28712
001846	BRIAR CLIFF COLLEGE	SIOUX CITY	IA	51104
029276	BRIARCLIFFE SECRL SCH	MINEOLA	NY	11501
009407	BRIARWOOD COLLEGE	SOUTHINGTON	CT	06489
001416	BRIDGEPORT,UNIVERSITY OF	BRIDGEPORT	CT	06602
002183	BRIDGEWATER STATE COLLEGE	BRIDGEWATER	MA	02324
012305	BRIGHAM YOUNG U ALL CAM	PROVO	UT	84602
003670	BRIGHAM YOUNG U MAIN CAM	PROVO	UT	84602
001606	BRIGHAM YOUNG U-HAWA CAM	LAIE OAHU	HI	96762
002176	BRISTOL COMMUNITY COLLEGE	FALL RIVER	MA	02720
130123	BROADWAY SCHOOL OF REAL ESTATE	LITTLE ROCK	AR	72202
310031	BROCKTON ACADEMY OF BEAUTY CULTURE	BROCKTON	MA	02401
008404	BROOKDALE CMTY COLLEGE	LINCROFT	NJ	07738
029150	BROOKHAVEN COLLEGE	DALLAS	TX	75234
007814	BROOKSTONE COLLEGE OF BUSINESS	HIGH POINT	NC	27261
002862	BROOME COMMUNITY COLLEGE	BINGHAMTON	NY	13902
001500	BROWARD CMTY COLLEGE	FT LAUDERDALE	FL	33301



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029196	BROWN INSTITUTE	MINNEAPOLIS	MN	55406
003401	BROWN UNIVERSITY	PROVIDENCE	RI	02912
350079	BROWNS BUSINESS AND SECRETARIAL SCHOOL	SAINT LOUIS	MO	63044
230024	BROWNS CAREER COLLEGE	SPRINGFIELD	IL	62703
466017	BRYAN INSTITUTE	TULSA	OK	74119
236016	BRYANT & STRATTON COLLEGE	CHICAGO	IL	60604
003402	BRYANT C BUSINESS ADMIN	SMITHFIELD	RI	02917
012470	BRYANT-STRATTON BUS INST	ROCHESTER	NY	14604
140041	BRYMAN SCHOOL	LOS ANGELES	CA	90017
230025	BRYMAN SCHOOL	CHICAGO	IL	60603
310038	BRYMAN SCHOOL	BROOKLINE	MA	02146
140045	BRYMAN SCHOOLS	TORRANCE	CA	90504
003237	BRYN MAWR COLLEGE	BRYN MAWR	PA	19010
003238	BUCKNELL UNIVERSITY	LEWISBURG	PA	17837
003239	BUCKS COUNTY CMTY COLLEGE	NEWTOWN	PA	18940
001847	BUENA VISTA COLLEGE	STORM LAKE	IA	50588
011210	BUNKER HILL CMTY COLLEGE	BOSTON	MA	02129
007730	BURLINGTON COUNTY COLLEGE	PEMBERTON	NJ	08068
570030	BURNLEY SCHOOL OF PROFESSIONAL ART	SEATTLE	WA	98122
316011	BUTERA SCHOOL OF ART	BOSTON	MA	02116
003240	BUTLER CO CMTY COLLEGE	BUTLER	PA	16001
001788	BUTLER UNIVERSITY	INDIANAPOLIS	IN	46208
008073	BUTTE COLLEGE	OROVILLE	CA	95965
369003	BUTTE VOCATIONAL TECHNICAL CENTER	BUTTE	MT	59701
001124	CABRILLO COLLEGE	APTOS	CA	95003
143381	CABRILLO SCHOOL OF NURSING	SAN DIEGO	CA	92115
003241	CABRINI COLLEGE	RADNOR	PA	19087
800099	CAEN, UNIVERSITY OF	FRANCE	RE	
001314	CAL - IRVINE, U OF	IRVINE	CA	92717
001125	CAL BAPTIST COLLEGE	RIVERSIDE	CA	92504
001131	CAL INST OF TECHNOLOGY	PASADENA	CA	91125
001133	CAL LUTHERAN COLLEGE	THOUSAND OAKS	CA	91360
001143	CAL POLY ST U-SN LUIS OB	SN LUIS OBSPO	CA	93407
007993	CAL ST COLLEGE-BAKERSFLD	BAKERSFIELD	CA	93309
001157	CAL ST COLLEGE-STANISLAUS	TURLOCK	CA	95380
001136	CAL ST U & C SYSTEM OFF	LONG BEACH	CA	90802
001142	CAL STATE C-SN BERNARDINO	SN BERNARDINO	CA	92407
001144	CAL STATE POLY U-POMONA	POMONA	CA	91768
001146	CAL STATE U-CHICO	CHICO	CA	95929
001141	CAL STATE U-DOMINGUEZ HLS	CARSON	CA	90747
001147	CAL STATE U-FRESNO	FRESNO	CA	93740
001137	CAL STATE U-FULLERTON	FULLERTON	CA	92634
001138	CAL STATE U-HAYWARD	HAYWARD	CA	94542
001139	CAL STATE U-LONG BEACH	LONG BEACH	CA	90840
001140	CAL STATE U-LOS ANGELES	LOS ANGELES	CA	90032
001153	CAL STATE U-NORTHRIDGE	NORTHRIDGE	CA	91330
001150	CAL STATE U-SACRAMENTO	SACRAMENTO	CA	95819
008715	CAL U SYS ADMIN ALL CAM	BERKELEY	CA	94720
001312	CAL-BERKELEY, U OF	BERKELEY	CA	94720
001313	CAL-DAVIS, U OF	DAVIS	CA	95616
001315	CAL-LOS ANGELES, U OF	LOS ANGELES	CA	90024
001316	CAL-RIVERSIDE, U OF	RIVERSIDE	CA	92521

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001317	CAL-SAN DIEGO,U OF	LA JOLLA	CA	92093
001319	CAL-SAN FRANCISCO,U OF	SAN FRANCISCO	CA	94143
001320	CAL-SANTA BARBARA,U OF	SANTA BARBARA	CA	93106
001321	CAL-SANTA CRUZ,U OF	SANTA CRUZ	CA	95064
140063	CALIFORNIA COLLEGE OF DENTAL TRAINING	LOS ANGELES	CA	90014
003316	CALIFORNIA STATE COLLEGE	CALIFORNIA	PA	15419
001834	CALUMET COLLEGE	WHITING	IN	46394
002450	CALVARY BIBLE COLLEGE	KANSAS CITY	MO	64147
002241	CALVIN COLLEGE	GRAND RAPIDS	MI	49506
006865	CAMDEN COUNTY COLLEGE	BLACKWOOD	NJ	08012
230027	CANEO SCHOOL OF BEAUTY CULTURE	OAK LAWN	IL	60453
003150	CAMERON UNIVERSITY	LAWTON	OK	73505
002913	CAMPBELL UNIVERSITY	BUIES CREEK	NC	27506
006973	CANADA COLLEGE	REDWOOD CITY	CA	94061
002681	CANISIUS COLLEGE	BUFFALO	NY	14208
210007	CANNON'S INTERNATIONAL BUSINESS COLLEGE	HONOLULU	HI	96813
008903	CANYONS, COLLEGE OF THE	VALENCIA	CA	91355
002168	CAPE COD CMTY COLLEGE	W BARNSTABLE	MA	02668
359506	CAPE GIRARDEAU AREA VOCATIONAL SCHOOL	CAPE GIRARDEAU	MO	63701
350065	CAPE GIRARDEAU SCHOOL OF BEAUTY CULTURE	CAPE GIRARDEAU	MO	63701
409016	CAPE MAY COUNTY AREA VOC-TECH CENTER	CAPE MAY C H	NJ	08210
003023	CAPITAL UNIVERSITY	COLUMBUS	OH	43209
266022	CAPITOL CITY BARBER COLLEGE	TOPEKA	KS	66608
001436	CAPITOL INST TECHNOLOGY	KENSINGTON	MD	20895
250093	CAPRI COSMETOLOGY COLLEGE	CEDAR RAPIDS	IA	52401
400115	CAPRI INSTITUTE OF HAIR DESIGN	CLIFTON	NJ	07011
003837	CARDINAL STRITCH COLLEGE	MILWAUKEE	WI	53217
003176	CARL ALBERT JR COLLEGE	POTEAU	OK	74953
002340	CARLETON COLLEGE	NORTHFIELD	MN	55057
003303	CARLOW COLLEGE	PITTSBURGH	PA	15213
003838	CARROLL COLLEGE	WAUKESHA	WI	53186
230032	CARROLL TRAVEL SCHOOL	GLENVIEW	IL	60025
003481	CARSON-NEWMAN COLLEGE	JEFFERSON CY	TN	37760
003839	CARTHAGE COLLEGE	KENOSHA	WI	53141
109047	CARVER STATE TECHNICAL COLLEGE	MOBILE	AL	36617
576012	CASCADE COLLEGE OF COMMERCE	BELLINGHAM	WA	98225
003024	CASE WESTERN RESERVE U	CLEVELAND	OH	44106
003928	CASPER COLLEGE	CASPER	WY	82601
350002	CASTERS BEAUTY ACADEMY	SAINT JOSEPH	MO	64501
003683	CASTLETON STATE COLLEGE	CASTLETON	VT	05735
005318	CATAWBA VALLEY TECH C	HICKORY	NC	28601
002682	CATHEDRAL C IMMAC CONCEPT	DOUGLSTON	NY	11362
230291	CATHERINE SCOTT SECRETARIAL SCHOOL	CHICAGO	IL	60601
001437	CATHOLIC U OF AMERICA	WASHINGTON	DC	20064
002063	CATONSVILLE CMTY COLLEGE	CATONSVILLE	MD	21228
008308	CECIL COMMUNITY COLLEGE	NORTH EAST	MD	21901
003243	CEDAR CREST COLLEGE	ALLENTOWN	PA	18104
003025	CEDARVILLE COLLEGE	CEDARVILLE	OH	45314
002599	CENTENARY COLLEGE	HACKETTSTOWN	NJ	07840
007283	CENTRAL ARIZONA COLLEGE	COOLIDGE	AZ	85228
001092	CENTRAL ARKANSAS,U OF	CONWAY	AR	72032
140079	CENTRAL CALIFORNIA COMMERCIAL COLLEGE	FRESNO	CA	93721

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005449	CENTRAL CAROLINA TECH C	SANFORD	NC	27330
001908	CENTRAL COLLEGE	MCPHERSON	KS	67460
001378	CENTRAL CONN ST COLLEGE	NEW BRITAIN	CT	06050
001471	CENTRAL FLA CMTY COLLEGE	OCALA	FL	32670
003954	CENTRAL FLORIDA, U OF	ORLANDO	FL	32816
002243	CENTRAL MICH UNIVERSITY	MT PLEASANT	MI	48859
002454	CENTRAL MO ST UNIVERSITY	WARRENSBURG	MO	64093
010306	CENTRAL NEW ENG C TECH	WORCESTER	MA	01610
010494	CENTRAL PA BUS SCH	SUMMERDALE	PA	17093
480183	CENTRAL PENNSYLVANIA BUSINESS SCHOOL	SUMMERDALE	PA	17093
002915	CENTRAL PIEDMONT C C	CHARLOTTE	NC	28235
003026	CENTRAL STATE UNIVERSITY	WILBERFORCE	OH	45384
003152	CENTRAL STATE UNIVERSITY	EDMOND	OK	73034
004003	CENTRAL TEXAS COLLEGE	KILLEEN	TX	76541
001850	CENTRAL U OF IOWA	PELLA	IA	50219
004988	CENTRAL VA CMTY COLLEGE	LYNCHBURG	VA	24502
003771	CENTRAL WASH UNIVERSITY	ELLENSBURG	WA	98926
003422	CENTRAL WESLEYAN COLLEGE	CENTRAL	SC	29630
001644	CENTRAL YMCA CMTY COLLEGE	CHICAGO	IL	60606
003772	CENTRALIA COLLEGE	CENTRALIA	WA	98531
001161	CERRITOS COLLEGE	NORWALK	CA	90650
001162	CHABOT COLLEGE	HAYWARD	CA	94545
002539	CHADRON STATE COLLEGE	CHADRON	NE	69337
001163	CHAFFEY COMMUNITY COLLEGE	ALTA LOMA	CA	91701
002138	CHAMBERLAYNE JR COLLEGE	BOSTON	MA	02116
003684	CHAMPLAIN COLLEGE	BURLINGTON	VT	05401
421561	CHAMPLAIN VALLEY MED CTR SCH OF X-RAY TECHN	PLATTSBURGH	NY	12901
120089	CHAPPAREL CAREER COLLEGE	TUCSON	AZ	85712
002064	CHARLES CO CMTY COLLEGE	LA PLATA	MD	20646
003818	CHARLESTON, U OF	CHARLESTON	WV	25304
003428	CHARLESTON, COLLEGE OF	CHARLESTON	SC	29424
191515	CHARRON WILLIAMS COLLEGE	MIAMI	FL	33130
190001	CHARRON WILLIAMS COLLEGE PARAMEDICAL DIVISION	MIAMI	FL	33130
003245	CHESTNUT HILL COLLEGE	PHILADELPHIA	PA	19118
003317	CHEYNEY STATE COLLEGE	CHEYNEY	PA	19319
001694	CHICAGO STATE UNIVERSITY	CHICAGO	IL	60628
001774	CHICAGO, UNIVERSITY OF	CHICAGO	IL	60637
001472	CHIPOLA JUNIOR COLLEGE	MARIANNA	FL	32446
002916	CHOWAN COLLEGE	MURFREESBORO	NC	27855
003482	CHRISTIAN BROS COLLEGE	MEMPHIS	TN	38104
003706	CHRISTOPHER NEWPORT C	NEWPORT NEWS	VA	23606
010805	CINCIN CLERMNT GEN-TECH, U	BATAVIA	OH	45103
008805	CINCINNATI ALL CAM, U OF	CINCINNATI	OH	45221
003029	CINCINNATI BIBLE SEMINARY	CINCINNATI	OH	45204
008039	CINCINNATI CENTRAL OFF, U	CINCINNATI	OH	45221
003125	CINCINNATI MAIN CAM, U OF	CINCINNATI	OH	45221
010345	CINCINNATI TECH COLLEGE	CINCINNATI	OH	45223
003553	CISCO JUNIOR COLLEGE	CISCO	TX	76437
003423	CITADEL MILITARY C OF SC	CHARLESTON	SC	29409
001166	CITRUS COLLEGE	AZUSA	CA	91702
400050	CITTONE SCHOOL OF MACHINE SHORTHAND	EDISON	NJ	08817
008727	CITY C CHGO ALL CAM	CHICAGO	IL	60601

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001654	CITY C CHGO KENNEDY-KING	CHICAGO	IL	60621
001652	CITY C CHGO LOOP C	CHICAGO	IL	60601
001650	CITY C CHGO MALCOLM X C	CHICAGO	IL	60612
009767	CITY C CHGO OLIVE-HARVEY	CHICAGO	IL	60628
001649	CITY C CHGO R J DALEY C	CHICAGO	IL	60652
001648	CITY C CHGO TRUMAN C	CHICAGO	IL	60640
001655	CITY C CHGO WRIGHT C	CHICAGO	IL	60634
238012	CITY COLLEGE OF CHICAGO--MALCOLM X	CHICAGO	IL	60612
148016	CITY COLLEGE OF SAN FRANCISCO	SAN FRANCISCO	CA	94112
800059	CITY UNIVERSITY	ENGLAND	RE	
004878	CLACKAMAS CMTY COLLEGE	OREGON CITY	OR	97045
003424	CLAFLIN COLLEGE	ORANGEBURG	SC	29115
001170	CLAREMONT MCKENNA C	CLAREMONT	CA	91711
003554	CLARENDON COLLEGE	CLARENDON	TX	79226
009235	CLARION STATE C MAIN CAM	CLARION	PA	16214
010362	CLARK CO CMTY COLLEGE	LAS VEGAS	NV	89030
001559	CLARK COLLEGE	ATLANTA	GA	30314
029124	CLARK COLLEGE	INDIANAPOLIS	IN	46202
004852	CLARK TECHNICAL COLLEGE	SPRINGFIELD	OH	45505
002139	CLARK UNIVERSITY	WORCESTER	MA	01610
001852	CLARKE COLLEGE	DUBUQUE	IA	52001
002699	CLARKSON COLLEGE OF TECHN	POTSDAM	NY	13676
008976	CLAYTON JUNIOR COLLEGE	MORROW	GA	30260
003423	CLEMSON UNIVERSITY	CLEMSON	SC	29631
029264	CLEVELAND INST ELECS	CLEVELAND	OH	44114
003982	CLEVELAND INST OF ART	CLEVELAND	OH	44106
450179	CLEVELAND INSTITUTE OF ELECTRONICS	CLEVELAND	OH	44114
003999	CLEVELAND ST CMTY COLLEGE	CLEVELAND	TN	37311
003032	CLEVELAND ST UNIVERSITY	CLEVELAND	OH	44115
008082	CLEVELAND TECH COLLEGE	SHELBY	NC	28150
001853	CLINTON COMMUNITY COLLEGE	CLINTON	IA	52732
579003	CLOVER PARK VOCATIONAL-TECHNICAL INSTITUTE	TACOMA	WA	98499
008084	COASTAL CAROLINA CC	JACKSONVILLE	NC	28540
140083	COASTAL SCHOOL OF DEEP SEA DIVING INC	OAKLAND	CA	94601
001854	COE COLLEGE	CEDAR RAPIDS	IA	52402
001910	COFFEYVL CMTY COLLEGE	COFFEYVILLE	KS	67337
002039	COLBY COLLEGE	WATERVILLE	ME	04901
001911	COLBY COMMUNITY COLLEGE	COLBY	KS	67701
002701	COLGATE UNIVERSITY	HAMILTON	NY	13346
008717	COLORADO ALL INST, U OF	BOULDER	CO	80309
001370	COLORADO AT BOULDER, U OF	BOULDER	CO	80309
001347	COLORADO COLLEGE	COLORADO SPG	CO	80903
151011	COLORADO INSTITUTE OF ART	DENVER	CO	80203
009007	COLORADO MOUNTAIN C	GLENWOOD SPG	CO	81602
004506	COLORADO MOUNTAIN C WEST CAM	GLENWOOD SPG	CO	81601
001350	COLORADO STATE UNIVERSITY	FORT COLLINS	CO	80523
007996	COLORADO SYS OFFICE, U OF	BOULDER	CO	80309
001351	COLORADO WOMEN'S COLLEGE	DENVER	CO	80220
003774	COLUMBIA BASIN CC	PASCO	WA	99301
003190	COLUMBIA CHRISTIAN C	PORTLAND	OR	97220
007707	COLUMBIA COLLEGE	COLUMBIA	CA	95310
001665	COLUMBIA COLLEGE	CHICAGO	IL	60605

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004922	COLUMBIA JUNIOR C	COLUMBIA	SC	29201
500048	COLUMBIA JUNIOR COLLEGE OF BUSINESS	COLUMBIA	SC	29201
140087	COLUMBIA SCHOOL OF BROADCASTING	HOLLYWOOD	CA	90028
003483	COLUMBIA ST CMTY COLLEGE	COLUMBIA	TN	38401
007963	COLUMBIA U CENTRAL OFF	NEW YORK	NY	10027
002707	COLUMBIA U MAIN DIVISION	NEW YORK	NY	10027
003039	COLUMBUS C ART AND DESIGN	COLUMBUS	OH	43215
001561	COLUMBUS COLLEGE	COLUMBUS	GA	31993
006867	COLUMBUS TECHNICAL INST	COLUMBUS	OH	43216
560124	COMMONWEALTH COLLEGE	VIRGINIA BEACH	VA	23452
481532	COMMUNITY COLLEGE OF ALLEGHENY COUNTY	PITTSBURGH	PA	15237
140089	COMPTON BEAUTY COLLEGE	COMPTON	CA	90221
001188	COMPTON CMTY COLLEGE	COMPTON	CA	90221
160148	COMPUTER PROCESSING INSTITUTE	EAST HARTFORD	CT	06108
480228	COMPUTER SYSTEMS INSTITUTE	PITTSBURGH	PA	15222
003810	CONCORD COLLEGE	ATHENS	WV	24712
002346	CONCORDIA C	MOORHEAD	MN	56560
002347	CONCORDIA C-SAINT PAUL	SAINT PAUL	MN	55104
001666	CONCORDIA COLLEGE	RIVER FOREST	IL	60305
002247	CONCORDIA COLLEGE	ANN ARBOR	MI	48105
003842	CONCORDIA COLLEGE	MILWAUKEE	WI	53208
003557	CONCORDIA LUTH COLLEGE	AUSTIN	TX	78705
007997	CONNECTICUT CEN OFFICE, U OF	STORRS	CT	06268
001379	CONNECTICUT COLLEGE	NEW LONDON	CT	06320
160120	CONNECTICUT STENOGRAPHIC INSTITUTE	NEW BRITAIN	CT	06051
029013	CONNECTICUT, U OF	STORRS	CT	06268
481535	CONNELLY SKILL LEARNING CENTER	PITTSBURGH	PA	15219
003153	CONNORS STATE COLLEGE	WARNER	OK	74469
140095	CONTROL DATA INSTITUTE	ANAHEIM	CA	92801
200142	CONTROL DATA INSTITUTE	ATLANTA	GA	30315
330016	CONTROL DATA INSTITUTE	MINNEAPOLIS	MN	55401
350100	CONTROL DATA INSTITUTE	SAINT LOUIS	MO	63108
401505	COOPER MEDICAL CENTER SCH OF NURSING	CAMDEN	NJ	08103
002402	COPIAH-LINCOLN JR COLLEGE	WESSON	MS	39191
002068	COPPIN STATE COLLEGE	BALTIMORE	MD	21216
011950	CORCORAN SCHOOL OF ART	WASHINGTON	DC	20006
002711	CORNEL U ENDOWED COLLEGES	ITHACA	NY	14853
001856	CORNELL COLLEGE	MOUNT VERNON	IA	52314
008779	CORNELL U ALL CAMPUSES	ITHACA	NY	14853
007964	CORNELL U CENTRAL OFFICE	ITHACA	NY	14853
011693	CORNELL U STATUTORY C	ITHACA	NY	14853
002863	CORNING COMMUNITY COLLEGE	CORNING	NY	14830
011161	CORPUS CHRISTI STATE U	CORPUS CHRSTI	TX	78412
007536	COSUMNES RIVER COLLEGE	SACRAMENTO	CA	95823
002458	COTTEY COLLEGE	NEVADA	MO	64772
139001	COTTON BOLL VOCATIONAL-TECHNICAL SCHOOL	BURDETTE	AR	72321
143075	COUNTRY CLUB COLLEGE OF HAIRSTYLING	RANCHO CORDOVA	CA	95670
007729	COUNTY COLLEGE OF MORRIS	RANDOLPH	NJ	07869
529007	COVINGTON STATE AREA VOC-TECH SCHOOL	COVINGTON	TN	38019
008086	CRAVEN COMMUNITY COLLEGE	NEW BERN	NC	28560
002542	CREIGHTON UNIVERSITY	OMAHA	NE	68178
529008	CROSSVILLE STATE AREA VOC-TECH SCHOOL	CROSSVILLE	TN	38555

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001095	CROWLEY'S RIDGE COLLEGE	PARAGOULD	AR	72450
001192	CUESTA COLLEGE	SN LUIS OBSPO	CA	93406
004766	CUNY BERNARD BARUCH C	NEW YORK	NY	10010
002691	CUNY BORO OF MANHATTAN CC	NEW YORK	NY	10019
002692	CUNY BRONX CMTY COLLEGE	BRONX	NY	10453
002687	CUNY BROOKLYN COLLEGE	BROOKLYN	NY	11210
029040	CUNY C OF STATEN ISLAND	STATEN ISLAND	NY	10301
002688	CUNY CITY COLLEGE	NEW YORK	NY	10031
008611	CUNY HOSTOS C C	BRONX	NY	10451
002689	CUNY HUNTER COLLEGE	NEW YORK	NY	10021
002693	CUNY JOHN JAY C CRIM JUST	NEW YORK	NY	10019
002694	CUNY KINGSBOROUGH CC	BROOKLYN	NY	11235
010051	CUNY LA GUARDIA CC	LONG IS CY	NY	11101
007022	CUNY LEHMAN COLLEGE	BRONX	NY	10468
010097	CUNY MEDGAR EVERS COLLEGE	BROOKLYN	NY	11225
002696	CUNY NYC TECH C	BROOKLYN	NY	11201
002690	CUNY QUEENS COLLEGE	FLUSHING	NY	11367
002697	CUNY QUEENSBOROUGH CC	NEW YORK	NY	11364
002686	CUNY SYS OFFICE	NEW YORK	NY	10021
004759	CUNY YORK COLLEGE	JAMAICA	NY	11451
002143	CURRY COLLEGE	MILTON	MA	02186
008797	CUYAHOGA CC DISTRICT	CLEVELAND	OH	44115
451625	CUYAHOGA COMMUNITY COLLEGE--EASTERN CAMPUS	WARRENSVEL TWP	OH	44122
458010	CUYAHOGA COMMUNITY COLLEGE--METRO CAMPUS	CLEVELAND	OH	44115
458011	CUYAHOGA COMMUNITY COLLEGE--WESTERN CAMPUS	PARMA HEIGHTS	OH	44130
029246	CUYAMACA COLLEGE	EL CAJON	CA	92020
001193	CYPRESS COLLEGE	CYPRESS	CA	90630
182222	D C SKILLS CENTER	WASHINGTON	DC	20002
002808	DAEMEN COLLEGE	AMHERST	NY	14226
339016	DAKOTA COUNTY AREA VOCATIONAL-TECHNICAL INST	ROSEMOUNT	MN	55068
003463	DAKOTA STATE COLLEGE	MADISON	SD	57042
003461	DAKOTA WESLEYAN U	MITCHELL	SD	57301
003560	DALLAS BAPTIST COLLEGE	DALLAS	TX	75236
536031	DALLAS COURT REPORTING COLLEGE	DALLAS	TX	75247
002543	DANA COLLEGE	BLAIR	NE	68008
004731	DANIEL WEBSTER COLLEGE	NASHUA	NH	03063
001669	DANVILLE AREA CMTY C	DANVILLE	IL	61832
003758	DANVILLE CMTY COLLEGE	DANVILLE	VA	24541
002573	DARTMOUTH COLLEGE	HANOVER	NH	03755
002249	DAVENPORT COLLEGE OF BUS	GRAND RAPIDS	MI	49503
003486	DAVID LIPSCOMB COLLEGE	NASHVILLE	TN	37203
002919	DAVIDSON CO CMTY COLLEGE	LEXINGTON	NC	27292
002918	DAVIDSON COLLEGE	DAVIDSON	NC	28036
003811	DAVIS AND ELKINS COLLEGE	ELKINS	WV	26241
800031	DAWSON COLLEGE	CANADA	RE	
459137	DAYTON SCHOOL OF PRACTICAL NURSING	DAYTON	OH	45406
003127	DAYTON, UNIVERSITY OF	DAYTON	OH	45469
001475	DAYTONA BCH CMTY COLLEGE	DAYTONA BEACH	FL	32015
004480	DE ANZA COLLEGE	CUPERTINO	CA	95014
209005	DE KALB AREA VOC-TECH SCHOOL	CLARKSTON	GA	30021
140206	DE LOUX SCHOOL OF COSMETOLOGY	LA MESA	CA	92041
146284	DE LOUX SCHOOL OF COSMETOLOGY	SAN FRANCISCO	CA	94122



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410006	DE WOLFF COLLEGE HAIR STYLING & COSMETOLOGY	ALBUQUERQUE	NM	87110
003041	DEFIANCE COLLEGE	DEFIANCE	OH	43512
001562	DEKALB COMMUNITY COLLEGE	CLARKSTON	GA	30021
003563	DEL MAR COLLEGE	CORPUS CHRSTI	TX	78404
007110	DELAWARE CO CMTY COLLEGE	MEDIA	PA	19063
011387	DELAWARE STANTON-WILMINGTON	NEWARK	DE	19702
001428	DELAWARE STATE COLLEGE	DOVER	DE	19901
012179	DELAWARE TECH & CC WILMINGTON	WILMINGTON	DE	19801
001431	DELAWARE, UNIVERSITY OF	NEWARK	DE	19711
004626	DELGADO CMTY COLLEGE	NEW ORLEANS	LA	70119
002251	DELTA COLLEGE	UNIV CTR	MI	48710
280106	DELTA SCHOOL OF BUSINESS	BATON ROUGE	LA	70805
003042	DENISON UNIVERSITY	GRANVILLE	OH	43023
005363	DENMARK TECHNICAL COLLEGE	DENMARK	SC	29042
009758	DENVER ALL CAM, CC OF	DENVER	CO	80218
157005	DENVER AUTOMOTIVE AND DIESEL COLLEGE INC	DENVER	CO	80223
009757	DENVER CENTRAL OFF, CC OF	DENVER	CO	80218
001352	DENVER CONS BAPTIST SEM	DENVER	CO	80210
151018	DENVER INSTITUTE OF TECHNOLOGY	DENVER	CO	80221
001371	DENVER, UNIVERSITY OF	DENVER	CO	80210
001671	DEPAUL UNIVERSITY	CHICAGO	IL	60604
001792	DEPAUW UNIVERSITY	GREENCASTLE	IN	46135
008735	DES MOINES AREA CC	ANKENY	IA	50021
001182	DESERT, COLLEGE OF THE	PALM DESERT	CA	92260
320041	DETROIT BUSINESS INSTITUTE	DETROIT	MI	48226
002253	DETROIT C OF BUS ADMIN	DEARBORN	MI	48126
339011	DETROIT LAKES AREA VOCATIONAL-TECHNICAL INST	DETROIT LAKES	MN	56501
002323	DETROIT, UNIVERSITY OF	DETROIT	MI	48221
008322	DEVRY INST OF TECHNOLOGY	PHOENIX	AZ	85016
001672	DEVRY INST OF TECHNOLOGY	CHICAGO	IL	60618
010139	DEVRY INST OF TECHNOLOGY	IRVING	TX	75062
009224	DEVRY INST TECHNOLOGY	ATLANTA	GA	30341
200140	DEVRY INSTITUTE OF TECHNOLOGY	CHAMBLEE	GA	30341
400026	DEVRY TECHNICAL INSTITUTE	WOODBIDGE	NJ	07095
001191	DIABLO VALLEY COLLEGE	PLEASANT HILL	CA	94523
301577	DIESEL INSTITUTE OF AMERICA	LANDOVER	MD	20785
002004	DILLARD UNIVERSITY	NEW ORLEANS	LA	70122
188008	DISTRICT OF COLUMBIA-VAN NESS, U OF	WASHINGTON	DC	20008
029100	DISTRICT OF COLUMBIA, U OF	WASHINGTON	DC	20008
003671	DIXIE COLLEGE	SAINT GEORGE	UT	84770
001913	DODGE CTY CMTY COLLEGE	DODGE CITY	KS	67801
002713	DOMINICAN C OF BLAUVELT	ORANGEBURG	NY	10962
001296	DOMINICAN SCH PHIL & THEO	BERKELEY	CA	94709
002602	DON BOSCO COLLEGE	NEWTON	NJ	07860
241007	DON ROBERTS BEAUTY SCHOOLS	EAST CHICAGO	IN	46312
001914	DONNELLY COLLEGE	KANSAS CITY	KS	66102
001859	DORDT COLLEGE	SIOUX CENTER	IA	51250
230058	DOREE SCHOOL OF BEAUTY CULTURE	RIGHTON PARK	IL	60471
800102	DOSHISHA UNIVERSITY	JAPAN	RE	
421582	DRAKE BUSINESS SCHOOL	FLUSHING	NY	11355
421584	DRAKE BUSINESS SCHOOL	NEW YORK	NY	10038
001860	DRAKE UNIVERSITY	DES MOINES	IA	50311



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340010	DRAUGHON BUSINESS COLLEGE	JACKSON	MS	39205
004933	DRAUGHON'S JC BUSINESS	KNOXVILLE	TN	37919
004932	DRAUGHON'S JR COLLEGE	MEMPHIS	TN	38116
002603	DREW UNIVERSITY	MADISON	NJ	07940
003256	DREXEL UNIVERSITY	PHILADELPHIA	PA	19104
101504	DRUID CITY HOSP SCH OF RADIOLOGIC TECHNOLOGY	TUSCALOOSA	AL	35401
002920	DUKE UNIVERSITY	DURHAM	NC	27706
330029	DUNWOODY INDUSTRIAL INSTITUTE	MINNEAPOLIS	MN	55403
006656	DUPAGE, COLLEGE OF	GLEN ELLYN	IL	60137
530248	DURHAM COLLEGE	SAN ANTONIO	TX	78212
003043	DYKE COLLEGE	CLEVELAND	OH	44114
029269	E TX ST U TEXARKANA	TEXARKANA	TX	75501
001793	EARLHAM COLLEGE	RICHMOND	IN	47374
530123	EASONS INSTITUTE OF TECHNOLOGY	SAN ANTONIO	TX	78205
002923	EAST CAROLINA UNIVERSITY	GREENVILLE	NC	27834
003154	EAST CENTRAL OKLA STATE U	ADA	OK	74820
001222	EAST LOS ANGELES COLLEGE	MONTEREY PARK	CA	91754
141573	EAST LOS ANGELES OCCUPATIONAL CENTER	LOS ANGELES	CA	90033
003320	EAST STROUDSBG ST COLLEGE	E STROUDSBURG	PA	18301
003487	EAST TENN ST UNIVERSITY	JOHNSON CITY	TN	37614
003565	EAST TEXAS ST UNIVERSITY	COMMERCE	TX	75428
029289	EAST-WEST UNIVERSITY	CHICAGO	IL	60605
001073	EASTERN ARIZONA COLLEGE	THATCHER	AZ	85552
003259	EASTERN COLLEGE	SAINT DAVIDS	PA	19087
001425	EASTERN CONN ST COLLEGE	WILLIMANTIC	CT	06226
001674	EASTERN ILL UNIVERSITY	CHARLESTON	IL	61920
001963	EASTERN KY UNIVERSITY	RICHMOND	KY	40475
005277	EASTERN ME VOC-TECH INST	BANGOR	ME	04401
002259	EASTERN MICH UNIVERSITY	YPSILANTI	MI	48197
002145	EASTERN NAZARENE COLLEGE	WOLLASTON	MA	02170
002651	EASTERN NM U MAIN CAMPUS	PORTALES	NM	88130
002661	EASTERN NM U ROSWELL	ROSWELL	NM	88201
003155	EASTERN OKLA ST COLLEGE	WILBURTON	OK	74578
003193	EASTERN OREGON ST COLLEGE	LA GRANDE	OR	97850
003775	EASTERN WASH UNIVERSITY	CHENEY	WA	99004
003929	EASTERN WYOMING COLLEGE	TORRINGTON	WY	82240
008510	EASTFIELD COLLEGE	MESQUITE	TX	75150
001487	ECKERD COLLEGE	ST PETERSBURG	FL	33733
003848	EDGEWOOD COLLEGE	MADISON	WI	53711
003321	EDINBORO STATE COLLEGE	EDINBORO	PA	16444
012270	EDISON STATE CMTY COLLEGE	PIQUA	OH	45356
005001	EDMONDS COMMUNITY COLLEGE	LYNNWOOD	WA	98036
001478	EDWARD WATERS COLLEGE	JACKSONVILLE	FL	32209
001197	EL CAMINO COLLEGE	TORRANCE	CA	90506
004453	EL CENTRO COLLEGE	DALLAS	TX	75202
010387	EL PASO CO CMTY COLLEGE	EL PASO	TX	79998
536127	EL PASO TRADE SCHOOL	EL PASO	TX	79901
003156	EL RENO JUNIOR COLLEGE	EL RENO	OK	730
560231	ELECTRONIC COMPUTER PROGRAMMING INSTITUTE	NORFOLK	VA	23502
004886	ELECTRONIC INSTITUTE	PITTSBURGH	PA	15217
480287	ELECTRONIC INSTITUTES	PITTSBURGH	PA	15217
140112	ELECTRONIC TECHNICAL INSTITUTE	SAN DIEGO	CA	92123

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456009	ELECTRONIC TECHNOLOGY INSTITUTE	CLEVELAND	OH	44103
002926	ELIZABETH CITY STATE U	ELIZABETH CY	NC	27909
002717	ELIZABETH SETON COLLEGE	YONKERS	NY	10701
029207	ELIZABETHTOWN CMTY C	ELIZABETHTOWN	KY	42701
279502	ELIZABETHTOWN COMMUNITY COLLEGE	ELIZABETHTOWN	KY	42701
001862	ELLSWORTH CMTY COLLEGE	IOWA FALLS	IA	50126
001676	ELMHURST COLLEGE	ELMHURST	IL	60126
002718	ELMIRA COLLEGE	ELMIRA	NY	14901
002927	ELON COLLEGE	ELON COLLEGE	NC	27244
001479	EMBRY-RIDDLE AERON U	BUNNELL	FL	32010
002146	EMERSON COLLEGE	BOSTON	MA	02116
002147	EMMANUEL COLLEGE	BOSTON	MA	02115
001564	EMORY UNIVERSITY	ATLANTA	GA	30322
480312	EMPIRE BEAUTY SCHOOL	SCRANTON	PA	18503
480310	EMPIRE BEAUTY SCHOOL INC	POTTSVILLE	PA	17901
001927	EMPORIA STATE UNIVERSITY	EMPORIA	KS	66801
002148	ENDICOTT COLLEGE	BEVERLY	MA	01915
010684	ERIE CC CITY CAMPUS	BUFFALO	NY	14203
002865	ERIE CC NORTH CAMPUS	WILLIAMSVILLE	NY	14221
012427	ERIE CC SOUTH CAMPUS	ORCHARD PARK	NY	14127
400069	ESSEX COLLEGE OF BUSINESS	NEWARK	NJ	07102
002070	ESSEX COMMUNITY COLLEGE	BALTIMORE	MD	21237
007107	ESSEX COUNTY COLLEGE	NEWARK	NJ	07102
400274	ESSEX COUNTY TECHNICAL CAREER CENTER	NEWARK	NJ	07103
001678	EUREKA COLLEGE	EUREKA	IL	61530
800061	EUROCENTE	FRANCE	RE	
002463	EVANGEL COLLEGE	SPRINGFIELD	MO	65802
001795	EVANSVILLE, UNIVERSITY OF	EVANSVILLE	IN	47702
460023	EVE'S COLLEGE OF HAIR STYLING	LAWTON	OK	73501
008155	EVERGREEN STATE COLLEGE	OLYMPIA	WA	98505
012452	EVERGREEN VALLEY COLLEGE	SAN JOSE	CA	95135
310096	EXECUTIVE FLYERS AVIATION ACADEMY	BEDFORD	MA	01730
470100	EXECUTIVE INSTITUTE OF HAIR DESIGN	PORTLAND	OR	97215
270012	EZELL BEAUTY SCHOOL	MURRAY	KY	42071
001385	FAIRFIELD UNIVERSITY	FAIRFIELD	CT	06430
008222	FAIRLEIGH DCKSN U CEN OFF	RUTHERFORD	NJ	07070
003812	FAIRMONT STATE COLLEGE	FAIRMONT	WV	26554
007121	FAITH BAPT BIBLE COLLEGE	ANKENY	IA	50021
339030	FARIBAULT AREA VOCATIONAL-TECHNICAL INSTITUTE	FARIBAULT	MN	55009
004738	FARLGH DCKSN FLORHAN-MAD	MADISON	NJ	07040
002607	FARLGH DCKSN TEANECK CAM	TEANECK	NJ	07666
002605	FARLGH DCKSN U EDW WMS C	HACKENSACK	NJ	07601
002604	FARLGH DCKSN U RUTHERFD	RUTHERFORD	NJ	07070
011112	FASH INST DESIGN & MERCH	LOS ANGELES	CA	90017
530115	FASHION & ART INSTITUTE OF DALLAS	DALLAS	TX	75207
002866	FASHION INST TECHNOLOGY	NEW YORK	NY	10001
140420	FASHION INSTITUTE	LOS ANGELES	CA	90017
001060	FAULKNER STATE JR COLLEGE	BAY MINETTE	AL	36507
480325	FAYETTE INSTITUTE OF COMMERCIAL TECHNOLOGY	UNIONTOWN	PA	15401
002928	FAYETTEVILLE ST U	FAYETTEVILLE	NC	28301
007640	FAYETTEVILLE TECH INST	FAYETTEVILLE	NC	28303
008597	FEATHER RIVER COLLEGE	QUINCY	CA	95971

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001680	FELICIAN COLLEGE	CHICAGO	IL	60659
002610	FELICIAN COLLEGE	LODI	NJ	07644
002260	FERRIS STATE COLLEGE	BIG RAPIDS	MI	49307
003045	FINDLAY COLLEGE	FINDLAY	OH	45840
007532	FINGER LAKES,CMTY COLLEGE	CANANDAIGUA	NY	14424
406015	FIRST SCHOOL SECRETARIAL	EAST ORANGE	NJ	07018
003490	FISK UNIVERSITY	NASHVILLE	TN	37203
007893	FLAGLER COLLEGE	ST AUGUSTINE	FL	32084
269003	FLINT HILL AREA VOC-TECH SCHOOL	EMPORIA	KS	66801
003990	FLORENCE DARLINGTON TECH	FLORENCE	SC	29501
001480	FLORIDA A & M U	TALLAHASSEE	FL	32307
001481	FLORIDA ATLANTC U	BOCA RATON	FL	33431
001482	FLORIDA COLLEGE	TEMPLE TERRCE	FL	33617
191694	FLORIDA COLLEGE OF MEDICAL AND DENTAL CAREERS	JACKSONVILLE	FL	32211
009635	FLORIDA INTERNATIONAL U	MIAMI	FL	33199
001484	FLORIDA JR C JACKSONVILLE	JACKSONVILLE	FL	32202
001485	FLORIDA KEYS CMTY COLLEGE	KEY WEST	FL	33040
001486	FLORIDA MEMORIAL COLLEGE	MIAMI	FL	33054
001488	FLORIDA SOUTHERN COLLEGE	LAKELAND	FL	33802
001489	FLORIDA STATE UNIVERSITY	TALLAHASSEE	FL	32306
001535	FLORIDA,UNIVERSITY OF	GAINESVILLE	FL	32611
420254	FLUSHING HOSPITAL MED CENTER SCH OF NURSING	FLUSHING	NY	11355
002464	FONTBONNE COLLEGE	SAINT LOUIS	MO	63105
001199	FOOTHILL COLLEGE	LOS ALTOS HILLS	CA	94022
002722	FORDHAM UNIVERSITY	BRONX	NY	10458
005317	FORSYTH TECHNICAL INST	WINSTON-SALEM	NC	27103
001915	FORT HAYS ST UNIVERSITY	HAYS	KS	67601
001353	FORT LEWIS COLLEGE	DURANGO	CO	81301
005000	FORT STEILACOOM CC	TACOMA	WA	98498
001566	FORT VALLEY STATE COLLEGE	FORT VALLEY	GA	31030
330231	FORT WORTH SCHOOL OF BUSINESS	FORT WORTH	TX	76107
009744	FOX VALLEY TECH INST	APPLETON	WI	54913
002185	FRAMINGHAM STATE COLLEGE	FRAMINGHAM	MA	01701
009226	FRANCIS MARION COLLEGE	FLORENCE	SC	29501
003265	FRANKLIN AND MARSHALL C	LANCASTER	PA	17604
481550	FRANKLIN COUNTY AREA VOC-TECH SCH PRAC NRS	CHAMBERSBURG	PA	17201
003046	FRANKLIN UNIVERSITY	COLUMBUS	OH	43215
003491	FREE WILL BAPTIST BIBLE C	NASHVILLE	TN	37205
003492	FREED-HARDEMAN COLLEGE	HENDERSON	TN	38340
001307	FRESNO CITY COLLEGE	FRESNO	CA	93741
001253	FRESNO PACIFIC COLLEGE	FRESNO	CA	93702
001918	FRIENDS UNIVERSITY	WICHITA	KS	67213
008125	FRIENDS WORLD COLLEGE	HUNTINGTON	NY	11743
003433	FRIENDSHIP COLLEGE	ROCK HILL	SC	29730
002072	FROSTBURG STATE COLLEGE	FROSTBURG	MD	21532
001200	FULLER THEOLOGICAL SEM	PASADENA	CA	91101
001201	FULLERTON COLLEGE	FULLERTON	CA	92634
460090	FULLERTON MODELING AGENCY & CASTING	OKLAHOMA CITY	OK	73121
002867	FULTON-MONTGOMERY CC	JOHNSTOWN	NY	12095
003434	FURMAN UNIVERSITY	GREENVILLE	SC	29613
571509	G & L SCHOOL OF BEAUTY	SUNNYSIDE	WA	98944
100107	GADSDEN BUSINESS COLLEGE INC	GADSDEN	AL	35901

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001017	GADSDEN STATE JR COLLEGE	GADSDEN	AL	35903
001567	GAINESVILLE JR COLLEGE	GAINESVILLE	GA	30501
140143	GALEN COLLEGE OF MEDICAL & DENTAL ASSISTANTS	FRESNO	CA	93728
450426	GALLIPOLIS BUSINESS COLLEGE	GALLIPOLIS	OH	45631
010878	GANADO, COLLEGE OF	GANADO	AZ	86505
003266	GANNON COLLEGE	ERIE	PA	16541
001919	GARDEN CITY COMMUNITY C	GARDEN CITY	KS	67846
002929	GARDNER-WEBB COLLEGE	BOILING SPG	NC	28017
002973	GASTON COLLEGE	DALLAS	NC	28034
010883	GATEWAY TECH INST	KENOSHA	WI	53141
007288	GATEWAY TECH INST-KENOSHA	KENOSHA	WI	53141
005299	GATEWAY TECH INST-RACINE	RACINE	WI	53403
480343	GATEWAY TECHNICAL INSTITUTE	PITTSBURGH	PA	15222
012056	GEM CITY COLLEGE	QUINCY	IL	62301
002262	GENERAL MOTORS INSTITUTE	FLINT	MI	48502
006782	GENESEE COMMUNITY COLLEGE	BATAVIA	NY	14020
003267	GENEVA COLLEGE	BEAVER FALLS	PA	15010
001018	GEO C WALLACE ST CC-DOTHN	DOTHAN	AL	36303
003194	GEORGE FOX COLLEGE	NEWBERG	OR	97132
003749	GEORGE MASON UNIVERSITY	FAIRFAX	VA	22030
191768	GEORGE T BAKER AVIATION SCHOOL	MIAMI	FL	33142
001444	GEORGE WASH UNIVERSITY	WASHINGTON	DC	20052
001683	GEORGE WILLIAMS COLLEGE	DOWNERS GROVE	IL	60515
186003	GEORGETOWN SCHOOL OF SCIENCE & ARTS LTD	WASHINGTON	DC	20007
001445	GEORGETOWN UNIVERSITY	WASHINGTON	DC	20057
001602	GEORGIA COLLEGE	MILLEDGEVILLE	GA	31061
008723	GEORGIA INST OF TECH ALL CAM	ATLANTA	GA	30332
007999	GEORGIA INST OF TECH CEN OFF	ATLANTA	GA	30332
001569	GEORGIA INST OF TECH MAIN CAM	ATLANTA	GA	30332
001571	GEORGIA MILITARY COLLEGE	ATLANTA	GA	30332
001572	GEORGIA SOUTHERN COLLEGE	MILLEDGEVILLE	GA	31061
001573	GEORGIA SOUTHWESTERN C	STATESBORO	GA	30460
001574	GEORGIA STATE UNIVERSITY	AMERICUS	GA	31709
001598	GEORGIA, UNIVERSITY OF	ATLANTA	GA	30303
002608	GEORGIAN COURT COLLEGE	ATHENS	GA	30602
140147	GIBBS FLIGHT CENTER	LAKEWOOD	NJ	08701
002609	GLASSBORO STATE COLLEGE	SAN DIEGO	CA	92123
571016	GLEN DOW ACADEMY OF HAIR DESIGN	GLASSBORO	NJ	08028
001076	GLENDALE CMTY COLLEGE	SPOKANE	WA	99201
001203	GLENDALE CMTY COLLEGE	GLENDALE	AZ	85302
003813	GLENVILLE STATE COLLEGE	GLENDALE	CA	91208
001205	GOLDEN GATE UNIVERSITY	GLENVILLE	WV	26351
007123	GOLDEN VLY LUTH COLLEGE	SAN FRANCISCO	CA	94105
001206	GOLDEN WEST COLLEGE	MINNEAPOLIS	MN	55422
001429	GOLDEY BEACOM COLLEGE	HUNTINGTN BCH	CA	92647
003778	GONZAGA UNIVERSITY	WILMINGTON	DE	19808
469016	GORDON-COOPER AREA VOCATIONAL-TECHNICAL SCHOO	SPOKANE	WA	99258
002073	GOUCHER COLLEGE	SHAWNEE	OK	74801
002547	GRACE C OF THE BIBLE	TOWSON	MD	21204
001800	GRACE COLLEGE	OMAHA	NE	68108
001866	GRACELAND COLLEGE	WINONA LAKE	IN	46590
002006	GRAMBLING STATE U	LAMONI	IA	50140
		GRAMBLING	LA	71245

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001074	GRAND CANYON COLLEGE	PHOENIX	AZ	85017
002266	GRAND RAPIDS BAPT C	GRAND RAPIDS	MI	49505
002267	GRAND RAPIDS JR COLLEGE	GRAND RAPIDS	MI	49503
002268	GRAND VALLEY ST COLLEGES	ALLENDALE	MI	49401
001867	GRAND VIEW COLLEGE	DES MOINES	IA	50316
369004	GREAT FALLS VOCATIONAL TECHNICAL CENTER	GREAT FALLS	MT	59405
002527	GREAT FALLS, COLLEGE OF	GREAT FALLS	MT	59405
469505	GREAT PLAINS AREA VOCATIONAL-TECHNICAL SCHOOL	LAWTON	OK	73501
029170	GREATER NEW HAVEN TECH C	NORTH HAVEN	CT	06473
003687	GREEN MOUNTAIN COLLEGE	POULTNEY	VT	05764
003780	GREEN RIVER CMTY COLLEGE	AUBURN	WA	98002
002169	GREENFIELD CMTY COLLEGE	GREENFIELD	MA	01301
001684	GREENVILLE COLLEGE	GREENVILLE	IL	62246
003991	GREENVILLE TECH COLLEGE	GREENVILLE	SC	29606
570111	GRIFFIN BUSINESS COLLEGE	SEATTLE	WA	98121
209013	GRIFFIN-SPALDING CO VOC-TECH SCHOOL	GRIFFIN	GA	30223
001868	GRINNELL COLLEGE	GRINNELL	IA	50112
001208	GROSSMONT COLLEGE	EL CAJON	CA	92020
003269	GROVE CITY COLLEGE	GROVE CITY	PA	16127
002931	GUILFORD COLLEGE	GREENSBORO	NC	27410
004838	GUILFORD TECHNICAL INST	JAMESTOWN	NC	27282
001490	GULF COAST CMTY COLLEGE	PANAMA CITY	FL	32401
002353	GUSTAVUS ADOLPHUS COLLEGE	SAINT PETER	MN	56082
003270	GWYNEDD-MERCY COLLEGE	GWYNEDD VLY	PA	19437
007662	HAGERSTOWN BUS COL/MARYLAND MED SECRL SCH	HAGERSTOWN	MD	21741
002074	HAGERSTOWN JUNIOR COLLEGE	HAGERSTOWN	MD	21740
003271	HAHNEMANN MEDL C AND HOSP	PHILADELPHIA	PA	19102
800052	HAIFA UNIVERSITY	ISRAEL	RE	
250050	HAMILTON COLLEGE	MASON CITY	IA	50401
002728	HAMILTON COLLEGE	CLINTON	NY	13323
289012	HAMMOND AREA VOCATIONAL SCHOOL	HAMMOND	LA	70401
481561	HAMOT MEDICAL CENTER SCHOOL OF ANESTHESIA	ERIE	PA	16512
004661	HAMPSHIRE COLLEGE	AMHERST	MA	01002
589005	HAMPSHIRE COUNTY CAREER TRAINING CENTER	ROMNEY	WV	26757
003714	HAMPTON INSTITUTE	HAMPTON	VA	23668
450554	HANNAH E MULLINS SCHOOL OF PRACTICAL NURSING	SALEM	OH	44460
001801	HANOVER COLLEGE	HANOVER	IN	47243
141685	HARBOR OCCUPATIONAL CENTER	WILMINGTON	CA	90744
003272	HARCUM JUNIOR COLLEGE	BRYN MAWR	PA	19010
003571	HARDIN-SIMMONS UNIVERSITY	ABILENE	TX	79698
002075	HARFORD COMMUNITY COLLEGE	BEL AIR	MD	21014
003961	HARPER C	PALATINE	IL	60067
003273	HARRISBURG AREA CC	HARRISBURG	PA	17110
001386	HARTFORD COLLEGE WOMEN	HARTFORD	CT	06105
001388	HARTFORD ST TECH COLLEGE	HARTFORD	CT	06106
001422	HARTFORD, UNIVERSITY OF	WEST HARTFORD	CT	06117
001209	HARTNELL COLLEGE	SALINAS	CA	93901
002729	HARTWICK COLLEGE	ONEONTA	NY	13820
161507	HARVARD H ELLIS REGIONAL VOC-TECH SCHOOL	DANIELSON	CT	06239
002155	HARVARD UNIVERSITY	CAMBRIDGE	MA	02138
010438	HASKELL INDIAN JR COLLEGE	LAWRENCE	KS	66044
002548	HASTINGS COLLEGE	HASTINGS	NE	68901

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003274	HAVERFORD COLLEGE	HAVERFORD	PA	19041
001610	HAWAII AT MANOA, U OF	HONOLULU	HI	96822
001612	HAWAII HONOLULU CC, U OF	HONOLULU	HI	96817
001613	HAWAII KAPIOLANI CC, U OF	HONOLULU	HI	96814
004549	HAWAII LEEWARD CC, U OF	PEARL CITY	HI	96782
211526	HAWAII SCHOOL OF BUSINESS	HONOLULU	HI	96817
007885	HAWAII SYS OFF U OF	HONOLULU	HI	96822
010390	HAWAII WINDWARD CC, U OF	KANEOHE	HI	96744
004595	HAWKEYE INST TECHNOLOGY	WATERLOO	IA	50704
001210	HEALD INST TECH	SAN FRANCISCO	CA	94109
369001	HELENA VOCATIONAL-TECHNICAL CENTER	HELENA	MT	59601
002154	HELLENIC C-HOLY CROSS SCH	BROOKLINE	MA	02146
001098	HENDERSON ST UNIVERSITY	ARKADELPHIA	AR	71923
001099	HENDRIX COLLEGE	CONWAY	AR	72032
339020	HENNEPIN TECHNICAL CENTERS	MINNEAPOLIS	MN	55427
002270	HENRY FORD CMTY COLLEGE	DEARBORN	MI	48128
004788	HERKIMER CO CMTY COLLEGE	HERKIMER	NY	13350
004729	HESSER COLLEGE	MANCHESTER	NH	03101
001920	HESSTON COLLEGE	HESSTON	KS	67062
356023	HICKEY SCHOOLS	SAINT LOUIS	MO	63117
003781	HIGHLINE CMTY COLLEGE	MIDWAY	WA	98031
002735	HILBERT COLLEGE	HAMBURG	NY	14075
003573	HILL JUNIOR COLLEGE	HILLSBORO	TX	76645
007870	HILLSBOROUGH CMTY COLLEGE	TAMPA	FL	33622
002272	HILLSDALE COLLEGE	HILLSDALE	MI	49242
002407	HINDS JUNIOR COLLEGE	RAYMOND	MS	39154
003049	HIRAM COLLEGE	HIRAM	OH	44234
003494	HIWASSEE COLLEGE	MADISONVILLE	TN	37354
002731	HOBART-WM SMITH COLLEGES	GENEVA	NY	14456
007598	HOCKING TECHNICAL COLLEGE	NELSONVILLE	OH	45764
002732	HOFSTRA UNIVERSITY	HEMPSTEAD	NY	11550
002141	HOLY CROSS, COLLEGE OF THE	WORCESTER	MA	01610
003275	HOLY FAMILY COLLEGE	PHILADELPHIA	PA	19114
002170	HOLYOKE COMMUNITY COLLEGE	HOLYOKE	MA	01040
002076	HOOD COLLEGE	FREDERICK	MD	21701
004925	HORRY-GEORGETOWN TECH C	CONWAY	SC	29526
002734	HOUGHTON COLLEGE	HOUGHTON	NY	14744
240302	HOUSE OF JAMES BEAUTY COLLEGE	INDIANAPOLIS	IN	46224
246008	HOUSE OF JAMES BEAUTY COLLEGE	INDIANAPOLIS	IN	46219
271524	HOUSE OF JAMES BEAUTY COLLEGE	LOUISVILLE	KY	40219
271525	HOUSE OF JAMES BEAUTY COLLEGE	LOUISVILLE	KY	40206
011720	HOUSTON ALL CAMPUSES, U OF	HOUSTON	TX	77004
003576	HOUSTON BAPT UNIVERSITY	HOUSTON	TX	77074
003652	HOUSTON CEN CAM, U OF	HOUSTON	TX	77004
011721	HOUSTON CEN OFFICE, U OF	HOUSTON	TX	77023
011711	HOUSTON CLEAR LAKE CITY, U	HOUSTON	TX	77058
010633	HOUSTON COMMUNITY COLLEGE	HOUSTON	TX	77007
012826	HOUSTON DOWNTOWN, U OF	HOUSTON	TX	77002
008175	HOWARD COMMUNITY COLLEGE	COLUMBIA	MD	21044
001448	HOWARD UNIVERSITY	WASHINGTON	DC	20059
012954	HUDSON CO CC COMMISSION	NORTH BERGEN	NJ	07047
002868	HUDSON VLY CMTY COLLEGE	TROY	NY	12180



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001149	HUMBOLDT STATE U	ARCATA	CA	95521
531553	HUNTSVILLE MEMORIAL HOSPITAL SCH VOC NURSING	HUNTSVILLE	TX	77340
003464	HURON C <sup>OLLEGE</sup>	HURON	SD	57350
002043	HUSSON C <sup>OLLEGE</sup>	BANGOR	ME	04401
003577	HUSTON I LOTSON COLLEGE	AUSTIN	TX	78702
001923	HUTCHINSON CMTY COLLEGE	HUTCHINSON	KS	67501
572007	I T T SCHOOL OF BUSINESS	SEATTLE	WA	98109
241506	I T T TECHNICAL INSTITUTE	FORT WAYNE	IN	46808
590062	IBA CITY COLLEGE	APPLETON	WI	54911
001620	IDAHO STATE UNIVERSITY	POCATELLO	ID	83209
001626	IDAHO, UNIVERSITY OF	MOSCOW	ID	83843
001776	ILL CHICAGO CIRCLE, U OF	CHICAGO	IL	60680
001689	ILL COLLEGE OF OPTOMETRY	CHICAGO	IL	60616
001779	ILL ESTN CC WABASH VLY C	MOUNT CARMEL	IL	62863
009786	ILL ESTN LINCOLN TRAIL C	ROBINSON	IL	62454
003960	ILL MEDL CTR CHGO, U OF	CHICAGO	IL	60680
001775	ILL URBANA CAMPUS, U OF	URBANA	IL	61801
001696	ILL WESLEYAN UNIVERSITY	BLOOMINGTON	IL	61701
008729	ILLINOIS ALL CAM, U OF	URBANA	IL	61801
008001	ILLINOIS CENTRAL OFF, U OF	URBANA	IL	61801
001688	ILLINOIS COLLEGE	JACKSONVILLE	IL	62650
001691	ILLINOIS INST TECHNOLOGY	CHICAGO	IL	60616
231531	ILLINOIS MASONIC MED CTR	CHICAGO	IL	60657
001692	ILLINOIS STATE UNIVERSITY	NORMAL	IL	61761
001705	ILLINOIS VLY CMTY COLLEGE	OGLESBY	IL	61348
001214	IMPERIAL VALLEY COLLEGE	IMPERIAL	CA	92251
003578	INCARNATE WORD COLLEGE	SAN ANTONIO	TX	78209
009916	IND VOC TECH C CEN OFF	INDIANAPOLIS	IN	46206
010039	IND VOC TECH C-LAFAYETTE	LAFAYETTE	IN	47905
008423	IND VOC TECH C-NTH CEN	SOUTH BEND	IN	46619
013145	IND VOC TECH C-NTHWST	GARY	IN	46409
008547	IND VOC TECH COLLEGE	TERRE HAUTE	IN	47802
001812	IND-PURDUE U FORT WAYNE	FORT WAYNE	IN	46805
001813	IND-PURDUE U INDIANAPOLIS	INDIANAPOLIS	IN	46202
008736	INDIAN HILLS CC	OTTUMWA	IA	52501
461509	INDIAN MERIDIAN AREA VOC-TECH SCHOOL	STILLWATER	OK	74074
001493	INDIAN RIVER CMTY COLLEGE	FORT PIERCE	FL	33450
240341	INDIANA BUSINESS COLLEGE	COLUMBUS	IN	47201
240353	INDIANA BUSINESS COLLEGE	TERRE HAUTE	IN	47807
2401804	INDIANA CEN UNIVERSITY	INDIANAPOLIS	IN	46227
240365	INDIANA COLLEGE OF COMMERCE	HAMMOND	IN	46323
001805	INDIANA INST TECHNOLOGY	FORT WAYNE	IN	46803
009562	INDIANA STATE U CEN OFF	TERRE HAUTE	IN	47809
009563	INDIANA STATE U MAIN CAM	TERRE HAUTE	IN	47809
001816	INDIANA U AT SOUTH BEND	SOUTH BEND	IN	46615
001809	INDIANA U BLOOMINGTON	BLOOMINGTON	IN	47405
008002	INDIANA U CENTRAL OFFICE	BLOOMINGTON	IN	47405
001815	INDIANA U NORTHWEST	GARY	IN	46408
008810	INDIANA U OF PENNSYLVANIA	INDIANA	PA	15705
001817	INDIANA U SOUTHEAST	NEW ALBANY	IN	47150
001811	INDIANA UNIVERSITY EAST	RICHMOND	IN	47374
249012	INDIANA VOC-TECH COLLEGE--NORTHWEST	GARY	IN	46409



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450210	INSTITUTE OF COMPUTER MANAGEMENT	CLEVELAND	OH	44114
140020	INSTITUTE OF MEDICAL STUDIES	LOS ANGELES	CA	90057
230094	INSURANCE SCHOOL OF CHICAGO	CHICAGO	IL	60604
008435	INTERBORO INSTITUTE	NEW YORK	NY	10019
004579	INTERNATIONAL BUSINESS C	FORT WAYNE	IN	46804
530251	INTERNATIONAL BUSINESS COLLEGE	EL PASO	TX	79901
481738	INTERNATIONAL CORRESPONDENCE SCHOOLS	SCRANTON	PA	18515
540053	INTERNATIONAL INSTITUTE OF HAIR DESIGN	MIDVALE	UT	84047
009740	INVER HILLS CMTY COLLEGE	INVER GRV HTS	MN	55075
002737	IONA COLLEGE	NEW ROCHELLE	NY	10801
001865	IOWA CENTRAL CC	FORT DODGE	IA	50501
001864	IOWA LAKES CC	ESTHERVILLE	IA	51334
001869	IOWA STATE U	AMES	IA	50011
008739	IOWA WESTERN CMTY COLLEGE	COUNCIL BLF	IA	51501
001892	IOWA, UNIVERSITY OF	IOWA CITY	IA	52242
002739	ITHACA COLLEGE	ITHACA	NY	14850
008329	ITT TECH INST	FORT WAYNE	IN	46808
009088	ITT TECHNICAL INSTITUTE	DAYTON	OH	45414
800036	IUT OF STRASBOURG	FRANCE	RE	
146184	J E BOUTIQUE COLLEGE OF BEAUTY	EL CAJON	CA	92021
570124	J M PERRY INSTITUTE	YAKIMA	WA	98903
003759	J SARGEANT REYNOLDS CC	RICHMOND	VA	23241
800021	J. NEHRU UNIVERSITY	INDIA	RE	
529038	JACKSBORO STATE AREA VOCATIONAL-TECHNICAL SCH	JACKSBORO	TN	37757
002274	JACKSON COMMUNITY COLLEGE	JACKSON	MI	49201
191523	JACKSON MEMORIAL HOSPITAL SCHOOL OF NURSING	MIAMI	FL	33136
002410	JACKSON STATE UNIVERSITY	JACKSON	MS	39217
001495	JACKSONVILLE UNIVERSITY	JACKSONVILLE	FL	32211
001020	JACKSONVL ST UNIVERSITY	JACKSONVILLE	AL	36265
003721	JAMES MADISON UNIVERSITY	HARRISONBURG	VA	22807
480526	JAMESON MEMORIAL HOSPITAL SCHOOL OF NURSING	NEW CASTLE	PA	16101
029211	JEFFERSON CMTY COLLEGE	LOUISVILLE	KY	40202
002870	JEFFERSON CMTY COLLEGE	WATERTOWN	NY	13601
007102	JEFFERSON COLLEGE	HILLSBORO	MO	63050
001021	JEFFERSON DAVIS STATE JC	BREWTON	AL	36427
001022	JEFFERSON ST JR COLLEGE	BIRMINGHAM	AL	35215
002613	JERSEY CITY STATE COLLEGE	JERSEY CITY	NJ	07305
800022	JERUSALEM INSTITUTE	ISRAEL	RE	
800037	JERUSALEM TORAH COLLEGE	ISRAEL	RE	
520402	JESSE H JONES HOSPITAL SCH OF PRACTICAL NURSE	SPRINGFIELD	TN	37172
008076	JOHN A LOGAN COLLEGE	CARTERVILLE	IL	62918
143124	JOHN ADAMS COMMUNITY COLLEGE CTR	SAN FRANCISCO	CA	94117
001100	JOHN BROWN UNIVERSITY	SILAM SPG	AR	72761
003050	JOHN CARROLL UNIVERSITY	CLEVELAND	OH	44118
001698	JOHN MARSHALL LAW SCHOOL	CHICAGO	IL	60604
004004	JOHN TYLER CMTY COLLEGE	CHESTER	VA	23831
029055	JOHN WESLEY COLLEGE	HIGH POINT	NC	27260
012813	JOHN WOOD CMTY COLLEGE	QUINCY	IL	62301
008244	JOHNSN CO CMTY COLLEGE	OVERLAND PARK	KS	66210
003404	JOHNSON & WALES COLLEGE	PROVIDENCE	RI	02903
002936	JOHNSON C SMITH U	CHARLOTTE	NC	28216
003688	JOHNSON STATE COLLEGE	JOHNSON	VT	05656

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001699	JOLIET JUNIOR COLLEGE	JOLIET	IL	60436
002411	JONES CO JUNIOR COLLEGE	ELLISVILLE	MS	39437
008719	JONES COLLEGE ALL CAM	JACKSONVILLE	FL	32211
001499	JONES COLLEGE ORLANDO	ORLANDO	FL	32803
001023	JUDSON COLLEGE	MARION	AL	36756
001700	JUDSON COLLEGE	ELGIN	IL	60120
002742	JUILLIARD SCHOOL,THE	NEW YORK	NY	10023
003279	JUNIATA COLLEGE	HUNTINGDON	PA	16652
002275	KALAMAZOO COLLEGE	KALAMAZOO	MI	49007
006949	KALAMAZOO VALLEY CC	KALAMAZOO	MI	49009
007690	KANKAKEE CMTY COLLEGE	KANKAKEE	IL	60901
029001	KANSAS ALL CAMPUSES,U	LAWRENCE	KS	66504
269006	KANSAS CITY AREA VOC-TECH SCHOOL	KANSAS CITY	KS	66104
350039	KANSAS CITY BUSINESS COLLEGE	KANSAS CITY	MO	64106
350105	KANSAS CITY COLLEGE OF MEDICAL & DENTAL ASSTS	KANSAS CITY	MO	64108
001925	KANSAS CITY KANS CMTY C	KANSAS CITY	KS	66112
001948	KANSAS MAIN CAMPUS,U OF	LAWRENCE	KS	66045
001928	KANSAS ST U AGR & APP SCI	MANHATTAN	KS	66506
004611	KANSAS TECHNICAL INST	SALINA	KS	67401
001701	KASKASKIA COLLEGE	CENTRALIA	IL	62801
007481	KATHARINE GIBBS SCHOOL	BOSTON	MA	02116
007398	KATHARINE GIBBS SCHOOL	NEW YORK	NY	10017
490026	KATHARINE GIBBS SCHOOL	PROVIDENCE	RI	02906
002622	KEAN C OF NEW JERSEY	UNION	NJ	07083
002551	KEARNEY STATE COLLEGE	KEARNEY	NE	68847
560242	KEES BUSINESS COLLEGE	NORFOLK	VA	23513
002276	KELLOGG COMMUNITY COLLEGE	BATTLE CREEK	MI	49016
001703	KENDALL COLLEGE	EVANSTON	IL	60201
299009	KENNEBEC VALLEY VOCATIONAL-TECHNICAL INSTITUT	WATERVILLE	ME	04901
003054	KENT ST STARK CO REG CAM	NORTH CANTON	OH	44720
003062	KENT ST TUSCARAWA REG CAM	NEW PHILA	OH	44663
008034	KENT STATE U	KENT	OH	44242
003051	KENT STATE U MAIN CAMPUS	KENT	OH	44242
001968	KENTUCKY STATE UNIVERSITY	FRANKFORT	KY	40601
001989	KENTUCKY,UNIVERSITY OF	LEXINGTON	KY	40506
211528	KENWAY SCHOOL OF ACCOUNTING	HONOLULU	HI	96826
003065	KENYON COLLEGE	GAMBIER	OH	43022
461536	KIAMICHI AREA VOCATIONAL-TECHNICAL SCHOOL	IDABEL	OK	74747
003580	KILGORE COLLEGE	KILGORE	TX	75662
003496	KING COLLEGE	BRISTOL	TN	37620
002937	KING'S C-CHARLOTTE	CHARLOTTE	NC	28204
004840	KING'S COLLEGE	RALEIGH	NC	27611
003282	KING'S COLLEGE	WILKES-BARRE	PA	18711
800055	KINGS COLLEGE OF THE STRAND	ENGLAND	RE	
001308	KINGS RIVER CMTY COLLEGE	REEDLEY	CA	93654
004076	KIRKWOOD CMTY COLLEGE	CEDAR RAPIDS	IA	52406
007684	KISHWAUKEE COLLEGE	MALTA	IL	60150
001704	KNOX COLLEGE	GALESBURG	IL	61401
003497	KNOXVILLE COLLEGE	KNOXVILLE	TN	37921
003322	KUTZTOWN STATE COLLEGE	KUTZTOWN	PA	19530
310144	LA BARON HAIRDRESSING ACADEMY	NEW BEDFORD	MA	02740
001578	LA GRANGE COLLEGE	LA GRANGE	GA	30240

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003287	LA SALLE COLLEGE	PHILADELPHIA	PA	19141
001216	LA VERNE, U OF	LA VERNE	CA	91750
003284	LAFAYETTE COLLEGE	EASTON	PA	18042
519001	LAKE AREA VOC-TECH INSTITUTE	WATERTOWN	SD	57201
001501	LAKE CITY CMTY COLLEGE	LAKE CITY	FL	32055
199013	LAKE COUNTY AREA VOCATIONAL-TECHNICAL CENTER	EUSTIS	FL	32726
007694	LAKE COUNTY, COLLEGE OF	GRAYSLAKE	IL	60030
001706	LAKE FOREST COLLEGE	LAKE FOREST	IL	60045
007644	LAKE LAND COLLEGE	MATTOON	IL	61938
002991	LAKE REGION CMTY COLLEGE	DEVILS LAKE	ND	58301
001502	LAKE-SUMTER CMTY COLLEGE	LEESBURG	FL	32748
006804	LAKELAND CMTY COLLEGE	MENTOR	OH	44060
006774	LAKEWOOD CMTY COLLEGE	WHITE BR LK	MN	55110
459140	LAKEWOOD SCHOOL OF PRACTICAL NURSING	LAKEWOOD	OH	44107
003581	LAMAR UNIVERSITY	BEAUMONT	TX	77710
003498	LAMBUTH COLLEGE	JACKSON	TN	38301
126007	LAMSON BUSINESS COLLEGE	TUCSON	AZ	85701
001266	LANEY COLLEGE	OAKLAND	CA	94607
003157	LANGSTON UNIVERSITY	LANGSTON	OK	73050
209006	LANIER AREA VOCATIONAL-TECHNICAL SCHOOL	OAKWOOD	GA	30566
002278	LANSING COMMUNITY COLLEGE	LANSING	MI	48901
003582	LAREDO JUNIOR COLLEGE	LAREDO	TX	78040
009651	LAREDO STATE UNIVERSITY	LAREDO	TX	78040
002158	LASELL JUNIOR COLLEGE	NEWTON	MA	02166
001217	LASSEN COLLEGE	SUSANVILLE	CA	96130
003672	LATTER-DAY SAINTS BUS COLLEGE	SALT LAKE CY	UT	84111
489515	LAWRENCE COUNTY AREA VOC-TECH SCHOOL	NEW CASTLE	PA	16101
002279	LAWRENCE INST TECHNOLOGY	SOUTHFIELD	MI	48075
003856	LAWRENCE UNIVERSITY	APPLETON	WI	54911
001059	LAWSON STATE CMTY COLLEGE	BIRMINGHAM	AL	35221
002748	LE MOYNE COLLEGE	SYRACUSE	NY	13214
003501	LE MOYNE-OWEN COLLEGE	MEMPHIS	TN	38126
003583	LEE COLLEGE	BAYTOWN	TX	77520
310600	LEE INSTITUTE OF REAL ESTATE	BROOKLINE	MA	02139
001970	LEES JUNIOR COLLEGE	JACKSON	KY	41339
002939	LEES-MCRAE COLLEGE	BANNER ELK	NC	28604
003289	LEHIGH UNIVERSITY	BETHLEHEM	PA	18015
141763	LEIMERT PARK BEAUTY COLLEGE	LOS ANGELES	CA	90008
002940	LENOIR CMTY COLLEGE	KINSTON	NC	28501
002941	LENOIR-RHYNE COLLEGE	HICKORY	NC	28603
003584	LETOURNEAU COLLEGE	LONGVIEW	TX	75607
010020	LEWIS AND CLARK CC	GODFREY	IL	62035
003197	LEWIS AND CLARK COLLEGE	PORTLAND	OR	97219
003968	LEWIS C BUSINESS	DETROIT	MI	48235
001707	LEWIS UNIVERSITY	ROMEOVILLE	IL	60441
010392	LIBERTY BAPTIST COLLEGE	LYNCHBURG	VA	24506
010027	LIMA TECHNICAL COLLEGE	LIMA	OH	45804
003436	LIMESTONE COLLEGE	GAFFNEY	SC	29340
007170	LINCOLN LAND CMTY COLLEGE	SPRINGFIELD	IL	62708
003502	LINCOLN MEM UNIVERSITY	HARROGATE	TN	37752
029200	LINCOLN TECHNICAL INST	ALLENTOWN	PA	18104
240568	LINCOLN TECHNICAL INSTITUTE	INDIANAPOLIS	IN	46202

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300140	LINCOLN TECHNICAL INSTITUTE	BALTIMORE	MD	21229
002479	LINCOLN UNIVERSITY	JEFFERSON CY	MO	65101
003290	LINCOLN UNIVERSITY	LINCOLN UNIV	PA	19352
199002	LINDSEY HOPKINS EDUCATIONAL CENTER	MIAMI	FL	33132
359504	LINN TECHNICAL COLLEGE	LINN	MO	65051
001024	LIVINGSTON UNIVERSITY	LIVINGSTON	AL	35470
002942	LIVINGSTONE COLLEGE	SALISBURY	NC	28144
003323	LOCK HAVEN STATE COLLEGE	LOCK HAVEN	PA	17745
001218	LOMA LINDA UNIVERSITY	LOMA LINDA	CA	92354
003585	LON MORRIS COLLEGE	JACKSONVILLE	TX	75766
800047	LONDON POLYTECHNIC	ENGLAND	RE	
001219	LONG BEACH CITY COLLEGE	LONG BEACH	CA	90808
004779	LONG IS U BROOKLYN CENTER	BROOKLYN	NY	11201
002751	LONG IS U CENTRAL OFFICE	GREENVALE	NY	11548
002754	LONG IS U, C W POST CEN	GREENVALE	NY	11548
003719	LONGWOOD COLLEGE	FARMVILLE	VA	23901
450469	LORAIN BUSINESS COLLEGE	LORAIN	OH	44055
003068	LORAIN CO CMTY COLLEGE	ELYRIA	OH	44035
001873	LORAS COLLEGE	DUBUQUE	IA	52001
008709	LOS ANG CC SYS ALL INST	LOS ANGELES	CA	90017
001224	LOS ANG HARBOR COLLEGE	WILMINGTON	CA	90744
001226	LOS ANG PIERCE COLLEGE	WOODLAND HLS	CA	91371
007047	LOS ANG SOUTHWEST COLLEGE	LOS ANGELES	CA	90047
001227	LOS ANG TR TECH COLLEGE	LOS ANGELES	CA	90015
001228	LOS ANG VALLEY COLLEGE	VAN NUYS	CA	91401
001220	LOS ANGELES BAPT COLLEGE	AD	CA	91322
001223	LOS ANGELES CITY COLLEGE	LOS ANGELES	CA	90029
029284	LOS ANGELES METRO C	LOS ANGELES	CA	90015
012550	LOS ANGELES MISSION C	SAN FERNANDO	CA	91340
010340	LOS MEDANOS COLLEGE	PITTSBURG	CA	94565
001231	LOS RIOS CC DIST OFF	SACRAMENTO	CA	95825
002007	LOUISIANA COLLEGE	PINEVILLE	LA	71360
008745	LOUISIANA ST U ALL INST	BATON ROUGE	LA	70803
002010	LOUISIANA ST U AND A & M C	BATON ROUGE	LA	70803
002012	LOUISIANA ST U EUNICE	EUNICE	LA	70535
002013	LOUISIANA ST U SHREVEPORT	SHREVEPORT	LA	71115
002009	LOUISIANA ST U SYS OFFICE	BATON ROUGE	LA	70803
002008	LOUISIANA TECH UNIVERSITY	RUSTON	LA	71272
001999	LOUISVILLE, UNIVERSITY OF	LOUISVILLE	KY	40292
002161	LOWELL, UNIVERSITY OF	LOWELL	MA	01854
330106	LOWTHIAN COLLEGE	MINNEAPOLIS	MN	55403
002078	LOYOLA COLLEGE	BALTIMORE	MD	21210
011649	LOYOLA MARYMOUNT U	LOS ANGELES	CA	90045
002016	LOYOLA U IN NEW ORLEANS	NEW ORLEANS	LA	70118
001710	LOYOLA U OF CHICAGO	CHICAGO	IL	60611
530197	LUBBOCK BARBER COLLEGE	LUBBOCK	TX	79410
003586	LUBBOCK CHRISTIAN COLLEGE	LUBBOCK	TX	79407
146100	LUMBLEAU REAL ESTATE SCHOOL	LOS ANGELES	CA	90024
419005	LUNA AREA VOCATIONAL SCHOOL	LAS VEGAS	NM	87701
008988	LURLEEN B WALLACE ST JC	ANDALUSIA	AL	36420
001874	LUTHER COLLEGE	DECORAH	IA	52101
006811	LUZERNE CO CMTY COLLEGE	NANTICOKE	PA	18634

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003293	LYCOMING COLLEGE	WILLIAMSPORT	PA	17701
003720	LYNCHBURG COLLEGE	LYNCHBURG	VA	24501
003689	LYNDON STATE COLLEGE	LYNDONVILLE	VT	05851
311537	LYNN VOCATIONAL-TECHNICAL INSTITUTE	LYNN	MA	01902
401590	LYONS INSTITUTE	CLARK	NJ	07066
230125	M S T A LEARNING CENTERS	CHICAGO	IL	60605
140264	M T I WESTERN BUSINESS COLLEGE	SACRAMENTO	CA	95816
001717	MACMURRAY COLLEGE	JACKSONVILLE	FL	62650
008319	MACOMB CO CC	WARREN	MI	48093
004681	MACOMB CO CC-CENTER CAM	MT CLEMENS	MI	48044
008906	MACOMB CO CC-SOUTH CAMPUS	WARREN	MI	48093
209014	MACON AREA VOCATIONAL-TECHNICAL SCHOOL	MACON	GA	31201
004007	MADISON AREA TECH COLLEGE	MADISON	WI	53703
002282	MADONNA COLLEGE	LIVONIA	MI	48150
002040	MAINE AT FARMINGTON,U OF	FARMINGTON	ME	04938
002041	MAINE AT FORT KENT,U OF	FORT KENT	ME	04743
002055	MAINE AT MACHIAS,U OF	MACHIAS	ME	04654
002053	MAINE AT ORONO,U OF	ORONO	ME	04473
002044	MAINE MARITIME ACADEMY	CASTINE	ME	04421
001718	MALLINCKRODT COLLEGE	WILMETTE	IL	60091
003072	MALONE COLLEGE	CANTON	OH	44709
001504	MANATEE JUNIOR COLLEGE	BRADENTON	FL	33507
199005	MANATEE VOCATIONAL-TECHNICAL CENTER	BRADENTON	FL	33507
001392	MANCHESTER CMTY COLLEGE	MANCHESTER	CT	06040
001820	MANCHESTER COLLEGE	N MANCHESTER	IN	46962
420383	MANDL SCHOOL FOR MEDICAL & DENTAL ASSISTANTS	HEMPSTEAD	NY	11550
420384	MANDL SCHOOL FOR MEDICAL & DENTAL ASSISTANTS	NEW YORK	NY	10019
002758	MANHATTAN COLLEGE	BRONX	NY	10471
339013	MANKATO AREA VOCATIONAL-TECHNICAL INSTITUTE	NORTH MANKATO	MN	56001
002360	MANKATO STATE UNIVERSITY	MANKATO	MN	56001
590129	MANPOWER BUSINESS TRAINING INSTUTUTE	MILWAUKEE	WI	53203
450480	MANSFIELD BUSINESS COLLEGE	MANSFIELD	OH	44905
003324	MANSFIELD STATE COLLEGE	MANSFIELD	PA	16933
002764	MARIA REGINA COLLEGE	SYRACUSE	NY	13208
001821	MARIAN COLLEGE	INDIANAPOLIS	IN	46222
121561	MARICOPA COUNTY SKILL CENTER	PHOENIX	AZ	85004
003073	MARIETTA COLLEGE	MARIETTA	OH	45750
001178	MARIN, COLLEGE OF	KENTFIELD	CA	94904
141053	MARINELLO SCHOOL OF BEAUTY	SAN FRANCISCO	CA	94102
001822	MARION COLLEGE	MARION	IN	46952
001026	MARION MILITARY INSTITUTE	MARION	AL	36756
002765	MARIST COLLEGE	POUGHKEEPSIE	NY	12601
003863	MARQUETTE UNIVERSITY	MILWAUKEE	WI	53233
002944	MARS HILL COLLEGE	MARS HILL	NC	28754
003815	MARSHALL UNIVERSITY	HUNTINGTON	WV	25701
001875	MARSHALLTWN CMTY COLLEGE	MARSHALLTOWN	IA	50158
003504	MARTIN COLLEGE	PULASKI	TN	38478
003746	MARY WASHINGTON COLLEGE	FREDERICKSBG	VA	22401
001876	MARYCREST COLLEGE	DAVENPORT	IA	52804
009553	MARYLAND ALL CAM,U OF	COLLEGE PARK	MD	20742
002105	MARYLAND BALT CO CAM, U OF	CATONSVILLE	MD	21228
002103	MARYLAND COLLEGE PARK CAM, U OF	COLLEGE PARK	MD	20742

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300266	MARYLAND DRAFTING INSTITUTE	HYATTSVILLE	MD	20783
002106	MARYLAND EASTERN SHORE, U OF	PRINCESS ANNE	MD	21853
008751	MARYLAND SYS ALL INST,U	COLLEGE PARK	MD	20783
007959	MARYLAND SYSTEM OFF,U OF	ADELPHI	MD	20783
011644	MARYLAND UNIVERSITY C	COLLEGE PARK	MD	20742
003199	MARYLHURST C LEARNING	MARYLHURST	OR	97036
002768	MARYMOUNT COLLEGE	TARRYTOWN	NY	10591
003724	MARYMOUNT COLLEGE VA	ARLINGTON	VA	22207
002769	MARYMOUNT MANHATTAN C	NEW YORK	NY	10021
010474	MARYMOUNT PALOS VERDES C	RNCHO PLS VRD	CA	90274
002482	MARYVILLE C-SAINT LOUIS	SAINT LOUIS	MO	63141
003505	MARYVILLE COLLEGE	MARYVILLE	TN	37801
003296	MARYWOOD COLLEGE	SCRANTON	PA	18509
008755	MASS ALL CAMPUSES,U OF	BOSTON	MA	02116
002221	MASS AMHERST CAMPUS,U OF	AMHERST	MA	01003
002171	MASS BAY CMTY COLLEGE	WELLESLEY	MA	02181
002222	MASS BOSTON CAMPUS, U OF	BOSTON	MA	02116
008017	MASS CENTRAL OFFICE,U OF	BOSTON	MA	02116
002178	MASS INST OF TECHNOLOGY	CAMBRIDGE	MA	02139
002181	MASS MARITIME ACADEMY	BUZZARDS BAY	MA	02532
002177	MASSASOIT CMTY COLLEGE	BROCKTON	MA	02402
200141	MASSEY BUSINESS COLLEGE	ATLANTA	GA	30301
100179	MASSEY-DRAUGHON COLLEGE	MONTGOMERY	AL	36102
006982	MATTATUCK CMTY COLLEGE	WATERBURY	CT	06708
279009	MAYO STATE VOC-TECH SCHOOL	PAINTSVILLE	KY	41240
029214	MAYSVILLE CMTY COLLEGE	MAYSVILLE	KY	41056
330075	MC CONNELL SCHOOL	MINNEAPOLIS	MN	55402
481582	MC KEESPORT HOSPITAL SCHOOL OF X-RAY TECHN	MC KEESPORT	PA	15132
011587	MCCARRIE SCHOOLS	PHILADELPHIA	PA	19107
002552	MCCOOK COMMUNITY COLLEGE	MCCOOK	NE	69001
001721	MCCORMICK THEOLOGICAL SEM	CHICAGO	IL	60637
007691	MCHENRY COUNTY COLLEGE	CRYSTAL LAKE	IL	60014
003590	MCLENNAN CMTY COLLEGE	WACO	TX	76708
003591	MCMURRY COLLEGE	ABILENE	TX	79697
002017	MCNEESE STATE UNIVERSITY	LAKE CHARLES	LA	70605
001933	MCPHERSON COLLEGE	MCPHERSON	KS	67460
280010	MEADOWS-DRAUGHON COLLEGE	NEW ORLEANS	LA	70119
480629	MEDIAN SCHOOL	PITTSBURGH	PA	15222
420404	MEDICAL AID TRAINING SCHOOL OF BROOKLYN	BROOKLYN	NY	11217
008296	MEDICAL COLLEGE OF WIS	MILWAUKEE	WI	53226
201517	MEMORIAL MEDICAL CENTER SCH OF X-RAY TECHN	SAVANNAH	GA	31404
526015	MEMPHIS SKILLS CENTER	MEMPHIS	TN	38105
003509	MEMPHIS STATE UNIVERSITY	MEMPHIS	TN	38152
010529	MEMPHIS THEOLOGICAL SEM	MEMPHIS	TN	38104
001236	MENLO COLLEGE	MENLO PARK	CA	94025
001237	MERCED COLLEGE	MERCED	CA	95340
004740	MERCER CO CMTY COLLEGE	TRENTON	NJ	08690
589010	MERCER COUNTY VOCATIONAL-TECHNICAL CENTER	PRINCETON	WV	24740
008419	MERCER U IN ATLANTA	ATLANTA	GA	30341
001580	MERCER U MAIN CAMPUS	MACON	GA	31207
320085	MERCY CENTRAL SCHOOL OF NURSING	GRAND RAPIDS	MI	49503
002772	MERCY COLLEGE	DOBBS FERRY	NY	10522



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002286	MERCY COLLEGE OF DETROIT	DETROIT	MI	48219
002945	MEREDITH COLLEGE	RALEIGH	NC	27611
002413	MERIDIAN JUNIOR COLLEGE	MERIDIAN	MS	39301
240604	MERRILLVILLE BEAUTY COLLEGE	MERRILLVILLE	IN	46410
002120	MERRIMACK COLLEGE	NORTH ANDOVER	MA	01845
001267	MERRITT COLLEGE	OAKLAND	CA	94619
146439	MESA ARTS & TRADE COLLEGE	SAN DIEGO	CA	92101
001358	MESA COLLEGE	GRAND JCT	GO	81501
001077	MESA COMMUNITY COLLEGE	MESA	AZ	85202
003298	MESSIAH COLLEGE	GRANTHAM	PA	17027
002946	METHODIST COLLEGE	FAYETTEVILLE	NC	28301
001360	METROPOLITAN ST COLLEGE	DENVER	CO	80204
012586	METROPOLITAN TECHNICAL CC	OMAHA	NE	68103
003079	MIAMI U HAMILTON CAMPUS	HAMILTON	OH	45011
003080	MIAMI U MIDDLETOWN CAMPUS	MIDDLETOWN	OH	45052
007104	MIAMI UNIV OXFORD CAM	OXFORD	OH	45056
008800	MIAMI UNIVERSITY ALL CAM	OXFORD	OH	45056
003077	MIAMI UNIVERSITY CEN OFF	OXFORD	OH	45056
001506	MIAMI-DADE CMTY COLLEGE	MIAMI	FL	33176
001536	MIAMI, UNIVERSITY OF	CORAL GABLES	FL	33124
002288	MICH CHRISTIAN COLLEGE	ROCHESTER	MI	48063
005753	MICHAEL J OWENS TECH C	TOLEDO	OH	43699
320088	MICHIGAN CAREER INSTITUTE	DETROIT	MI	48205
002325	MICHIGAN CEN OFFICE, U OF	ANN ARBOR	MI	48109
002290	MICHIGAN STATE UNIVERSITY	EAST LANSING	MI	48824
002292	MICHIGAN TECHNOLOGICAL U	HOUGHTON	MI	49931
009092	MICHIGAN-ANN ARBOR, U	ANN ARBOR	MI	48109
002326	MICHIGAN-DEARBORN, U OF	DEARBORN	MI	48128
002327	MICHIGAN-FLINT, U OF	FLINT	MI	48503
199020	MID-FLORIDA TECHNICAL INSTITUTE	ORLANDO	FL	32809
520269	MID-SOUTH BEAUTY ACADEMY	CHATTANOOGA	TN	37407
005380	MID-STATE TECHNICAL INST	WISC RAPIDS	WI	54494
001581	MIDDLE GEORGIA COLLEGE	COCHRAN	GA	31014
003510	MIDDLE TENN ST UNIVERSITY	MURFREESBORO	TN	37132
003691	MIDDLEBURY COLLEGE	MIDDLEBURY	VT	05753
008038	MIDDLESEX CMTY COLLEGE	MIDDLETOWN	CT	06457
002615	MIDDLESEX COUNTY COLLEGE	EDISON	NJ	08818
009797	MIDLAND COLLEGE	MIDLAND	TX	79701
002553	MIDLAND LUTHERAN COLLEGE	FREMONT	NE	68025
003993	MIDLANDS TECH COLLEGE	COLUMBIA	SC	29202
003592	MIDWESTERN ST UNIVERSITY	WICHITA FALLS	TX	76308
641502	MIGUEL SUCH METROPOLITAN VOCATIONAL SCHOOL	RIO PIEDRAS	RQ	00931
420425	MILLARD FILLMORE HOSPITAL SCH OF X-RAY TECHN	BUFFALO	NY	14209
520031	MILLER-HAWKINS BUSINESS COLLEGE	MEMPHIS	TN	38104
003325	MILLERSVILLE ST COLLEGE	MILLERSVILLE	PA	17551
003511	MILLIGAN COLLEGE	MILLIGAN CLG	TN	37682
001724	MILLIKIN UNIVERSITY	DECATUR	IL	62522
001238	MILLS COLLEGE	OAKLAND	CA	94613
002414	MILLSAPS COLLEGE	JACKSON	MS	39210
003866	MILWAUKEE AREA TECH C	MILWAUKEE	WI	53203
599506	MILWAUKEE AREA TECHNICAL COLLEGE	MILWAUKEE	WI	53203
599504	MILWAUKEE AREA TECHNICAL COLLEGE	OAK CREEK	WI	53154



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003868	MILWAUKEE SCH ENGINEERING	MILWAUKEE	WI	53201
590103	MILWAUKEE STRATTON COLLEGE	MILWAUKEE	WI	53202
002486	MINERAL AREA COLLEGE	FLAT RIVER	MO	63601
339019	MINNEAPOLIS AREA VOCATIONAL-TECHNICAL INST	MINNEAPOLIS	MN	55404
002362	MINNEAPOLIS CMTY COLLEGE	MINNEAPOLIS	MN	55403
002365	MINNEAPOLIS COLLEGE OF ART & DESIGN	MINNEAPOLIS	MN	55404
008761	MINNESOTA ALL CAM,U OF	MINNEAPOLIS	MN	55455
002387	MINNESOTA CEN OFFICE,U OF	MINNEAPOLIS	MN	55455
002388	MINNESOTA DULUTH,U OF	DULUTH	MN	55812
003969	MINNESOTA MINNEAPOLIS-ST PAUL, U OF	MINNEAPOLIS	MN	55455
330089	MINNESOTA SCHOOL OF BUSINESS	MINNEAPOLIS	MN	55402
002994	MINOT STATE COLLEGE	MINOT	ND	58701
001239	MIRA COSTA COLLEGE	OCEANSIDE	CA	92054
012860	MISS CO CMTY COLLEGE	BLITHEVILLE	AR	72315
008763	MISS GULF CST JC	PERKINSTON	MS	39573
002418	MISS GULF CST JC JACKSON	GAUTIER	MS	39553
002424	MISS VLY ST UNIVERSITY	ITTA BENA	MS	38941
010130	MISS WADES FASH COLLEGE	DALLAS	TX	75207
029128	MISSION COLLEGE	SANTA CLARA	CA	95054
008764	MISSISSIPPI ALL CAM,U OF	UNIVERSITY	MS	38677
008022	MISSISSIPPI CEN OFF,U OF	UNIVERSITY	MS	38677
002415	MISSISSIPPI COLLEGE	CLINTON	MS	39058
002440	MISSISSIPPI MAIN CAM,U OF	UNIVERSITY	MS	38677
002423	MISSISSIPPI ST UNIVERSITY	MISS STATE	MS	39762
002489	MISSOURI VALLEY COLLEGE	MARSHALL	MO	65340
002490	MISSOURI WSTN ST COLLEGE	SAINT JOSEPH	MO	64507
002516	MISSOURI-COLUMBIA,U OF	COLUMBIA	MO	65211
002518	MISSOURI-KANSAS CITY,U OF	KANSAS CITY	MO	64110
002517	MISSOURI-ROLLA,U OF	ROLLA	MO	65401
002519	MISSOURI-SAINT LOUIS,U OF	SAINT LOUIS	MO	63121
002947	MITCHELL CMTY COLLEGE	STATESVILLE	NC	28677
002491	MOBERLY JUNIOR COLLEGE	MOBERLY	MO	65270
420429	MODERN WELDING SCHOOL	SCHENECTADY	NY	12306
001240	MODESTO JUNIOR COLLEGE	MODESTO	CA	95350
002871	MOHAWK VLY CMTY COLLEGE	UTICA	NY	13501
009765	MOHEGAN COMMUNITY COLLEGE	NORWICH	CT	06360
280084	MOLER BEAUTY COLLEGE	NEW ORLEANS	LA	70119
002775	MOLLOY COLLEGE	ROCKVILLE CTR	NY	11570
001725	MONMOUTH COLLEGE	MONMOUTH	IL	61462
002616	MONMOUTH COLLEGE	W LONG BRANCH	NJ	07764
004799	MONROE BUSINESS INSTITUTE	BRONX	NY	10468
002872	MONROE COMMUNITY COLLEGE	ROCHESTER	NY	14623
002531	MONTANA C MINRL SCI-TECHN	BUTTE	MT	59701
002532	MONTANA STATE UNIVERSITY	BOZEMAN	MT	59717
002536	MONTANA,UNIVERSITY OF	MISSOULA	MT	59812
002617	MONTCLAIR STATE COLLEGE	UPR MONTCLAIR	NJ	07043
140257	MONTEREY ACADEMY OF HAIR DESIGN	MONTEREY	CA	93940
001241	MONTEREY INTRNATL STDIIES	MONTEREY	CA	93940
002082	MONTGOMERY C ROCKVILLE	ROCKVILLE	MD	20850
002081	MONTGOMERY C TAKOMA PARK	TAKOMA PARK	MD	20912
004452	MONTGOMERY CO COMMUNITY C	BLUE BELL	PA	19422
001727	MOODY BIBLE INSTITUTE	CHICAGO	IL	60610

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003300	MOORE COLLEGE OF ART	PHILADELPHIA	PA	19103
339014	MOORHEAD AREA VOCATIONAL-TECHNICAL INSTITUTE	MOORHEAD	MN	56560
002367	MOORHEAD STATE UNIVERSITY	MOORHEAD	MN	56560
007115	MOORPARK COLLEGE	MOORPARK	CA	93021
009256	MORAINÉ PARK TECH INST	FOND DU LAC	WI	54935
599003	MORAINÉ PARK TECHNICAL INSTITUTE	BEAVER DAM	WI	53916
007692	MORAINÉ VLY CMTY COLLEGE	PALOS HILLS	IL	60465
001976	MOREHEAD STATE UNIVERSITY	MOREHEAD	KY	40351
001582	MOREHOUSE COLLEGE	ATLANTA	GA	30314
002083	MORGAN STATE UNIVERSITY	BALTIMORE	MD	21239
001879	MORNINGSIDE COLLEGE	SIOUX CITY	IA	51106
001583	MORRIS BROWN COLLEGE	ATLANTA	GA	30314
003439	MORRIS COLLEGE	SUMTER	SC	29150
401520	MORRIS COUNTY AREA VOCATIONAL TECHNICAL SCHOO	DENVILLE	NJ	07834
029123	MORRIS JC OF BUSINESS	MELBOURNE	FL	32935
008880	MORRISON INST OF TECHN	MORRISON	IL	61270
002261	MOTT, CHARLES C C	FLINT	MI	48503
002192	MOUNT HOLYOKE COLLEGE	SOUTH HADLEY	MA	01075
003204	MOUNT HOOD CMTY COLLEGE	GRESHAM	OR	97030
002193	MOUNT IDA JUNIOR COLLEGE	NEWTON CENTRE	MA	02159
003465	MOUNT MARTY COLLEGE	YANKTON	SD	57078
003869	MOUNT MARY COLLEGE	MILWAUKEE	WI	53222
001880	MOUNT MERCY COLLEGE	CEDAR RAPIDS	IA	52402
003033	MOUNT SAINT JOS-ON-THE-OHIO C	MT ST JOSEPH	OH	45051
002778	MOUNT SAINT MARY COLLEGE	NEWBURGH	NY	12550
002703	MOUNT SAINT VINCENT, C OF	RIVERDALE	NY	10471
001245	MOUNT SAN ANTONIO COLLEGE	WALNUT	CA	91789
001243	MOUNT SNT MARY'S COLLEGE	LOS ANGELES	CA	90049
002086	MOUNT SNT MARY'S COLLEGE	EMMITSBURG	MD	21727
003083	MOUNT UNION COLLEGE	ALLIANCE	OH	44601
007085	MOUNT VERNON NAZARENE C	MOUNT VERNON	OH	43050
141713	MR DOMINICK'S SCHOOL OF HAIR DESIGN	WHITTIER	CA	90606
366001	MR RICH'S BEAUTY COLLEGE	MISSOULA	MT	59801
001246	MT SAN JACINTO COLLEGE	SAN JACINTO	CA	92383
003304	MUHLENBERG COLLEGE	ALLENTOWN	PA	18104
401522	MUHLENBERG HOSP SCH OF RADIOLOGIC TECHNOLOGY	PLAINFIELD	NJ	07061
003206	MULTNOMAH SCHOOL OF BIBLE	PORTLAND	OR	97220
001731	MUNDELEIN COLLEGE	CHICAGO	IL	60660
003158	MURRAY STATE COLLEGE	TISHOMINGO	OK	73460
001977	MURRAY STATE UNIVERSITY	MURRAY	KY	42071
002296	MUSKEGON BUSINESS COLLEGE	MUSKEGON	MI	49442
002297	MUSKEGON CMTY COLLEGE	MUSKEGON	MI	49442
003084	MUSKINGUM COLLEGE	NEW CONCORD	OH	43762
001247	NAPA COLLEGE	NAPA	CA	94558
520039	NASHVILLE AUTO DIESEL COLLEGE	NASHVILLE	TN	37206
529031	NASHVILLE STATE AREA VOCATIONAL-TECHNICAL SCH	NASHVILLE	TN	37209
008145	NASHVILLE STATE TECH INST	NASHVILLE	TN	37209
002873	NASSAU COMMUNITY COLLEGE	GARDEN CITY	NY	11530
160038	NATIONAL ACADEMY OF HAIRDRESSING	STAMFORD	CT	06901
570187	NATIONAL BARBER COLLEGE	TACOMA	WA	98499
003726	NATIONAL BUSINESS COLLEGE	ROANOKE	VA	24011
001733	NATIONAL C ED MAIN CAM	EVANSTON	IL	60201

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001743	NATIONAL C ED URBAN CAM	CHICAGO	IL	60603
004057	NATIONAL COLLEGE	RAPID CITY	SD	57701
140043	NATIONAL EDUCATION CENTER BRYMAN CAMPUS	SAN FRANCISCO	CA	94103
481599	NATIONAL SCHOOL OF HEALTH TECHNOLOGY	PHILADELPHIA	PA	19103
450616	NATIONAL SCHOOL OF MEAT CUTTING	TOLEDO	OH	43604
011460	NATIONAL UNIVERSITY	SAN DIEGO	CA	92108
008246	NAVAJO COMMUNITY COLLEGE	TSAILE	AZ	86556
001310	NAVAL POSTGRADUATE SCHOOL	MONTEREY	CA	93940
003593	NAVARRO COLLEGE	CORSICANA	TX	75110
002905	NC AGRL & TECH STATE U	GREENSBORO	NC	27411
002907	NC AT ASHEVILLE,U OF	ASHEVILLE	NC	28814
002974	NC AT CHAPEL HILL,U OF	CHAPEL HILL	NC	27514
002975	NC AT CHARLOTTE,U OF	CHARLOTTE	NC	28223
002976	NC AT GREENSBORO,U OF	GREENSBORO	NC	27412
002984	NC AT WILMINGTON,U OF	WILMINGTON	NC	28403
002950	NC CENTRAL UNIVERSITY	DURHAM	NC	27707
002972	NC STATE U RALEIGH	RALEIGH	NC	27650
002951	NC WESLEYAN COLLEGE	ROCKY MOUNT	NC	27801
002997	ND STATE U CENTRAL OFFICE	FARGO	ND	58105
009265	ND STATE U MAIN CAMPUS	FARGO	ND	58105
002554	NEBRASKA AT OMAHA,U OF	OMAHA	NE	68182
008768	NEBRASKA CEN ADMIN ALL INST, U	LINCOLN	NE	68508
379501	NEBRASKA SCH OF TECH AG, U OF	CURTIS	NE	69025
002565	NEBRASKA-LINCOLN,U OF	LINCOLN	NE	68588
510019	NETTLETON COMMERCIAL COLLEGE	SIOUX FALLS	SD	57102
002569	NEVADA AT LAS VEGAS, U OF	LAS VEGAS	NV	89154
002568	NEVADA RENO,U OF	RENO	NV	89557
002194	NEW ENG CONSV OF MUSIC	BOSTON	MA	02115
007845	NEW ENG INST TECHNOLOGY	PROVIDENCE	RI	02907
313025	NEW ENGLAND BAPTIST HOSP SCH OF NURSING	BOSTON	MA	02120
002579	NEW ENGLAND COLLEGE	HENNIKER	NH	03242
310211	NEW ENGLAND SCHOOL OF ART & DESIGN	BOSTON	MA	02115
002050	NEW ENGLAND, U OF	BIDDEFORD	ME	04005
002580	NEW HAMPSHIRE COLLEGE	MANCHESTER	NH	03104
002590	NEW HAMPSHIRE KEENE ST C, U OF	KEENE	NH	03431
002591	NEW HAMPSHIRE PLYMOUTH ST C, U OF	PLYMOUTH	NH	03264
002589	NEW HAMPSHIRE,U OF	DURHAM	NH	03824
001397	NEW HAVEN,UNIVERSITY OF	WEST HAVEN	CT	06516
002621	NEW JERSEY INST TECH	NEWARK	NJ	07102
002663	NEW MEXICO ALL CAM, U OF	ALBUQUERQUE	NM	87131
010312	NEW MEXICO CEN OFF, U OF	ALBUQUERQUE	NM	87131
006881	NEW MEXICO GALLUP BRANCH, U OF	GALLUP	NM	87301
002653	NEW MEXICO HIGHLANDS U	LAS VEGAS	NM	87701
002654	NEW MEXICO INST OF MINING & TECH	SOCORRO	NM	87801
010313	NEW MEXICO MAIN CAM, U OF	ALBUQUERQUE	NM	87131
008773	NEW MEXICO ST U ALL CAM	LAS CRUCES	NM	88003
007136	NEW MEXICO ST U CEN OFF	LAS CRUCES	NM	88003
008854	NEW MEXICO ST U GRANTS BRANCH	GRANTS	NM	87020
002657	NEW MEXICO ST U MAIN CAM	LAS CRUCES	NM	88003
002015	NEW ORLEANS,UNIVERSITY OF	NEW ORLEANS	LA	70148
002704	NEW ROCHELLE,COLLEGE OF	NEW ROCHELLE	NY	10801
002780	NEW SCH FOR SOC RESEARCH	NEW YORK	NY	10011

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420467	NEW YORK BUSINESS SCHOOL	NEW YORK	NY	10018
008782	NEW YORK INST TECH ALL CAM	OLD WESTBURY	NY	11568
004804	NEW YORK INST TECH MAIN CAM	OLD WESTBURY	NY	11568
002782	NEW YORK INST TECH NYC CAM	NEW YORK	NY	10023
002783	NEW YORK LAW SCHOOL	NEW YORK	NY	10013
029036	NEW YORK SCH OF INTERIOR DESIGN	NEW YORK	NY	10022
420817	NEW YORK SCHOOL OF COMPUTER TECHNOLOGY	NEW YORK	NY	10019
002785	NEW YORK UNIVERSITY	NEW YORK	NY	10276
409018	NEWARK SKILLS CENTER	NEWARK	NJ	07104
003440	NEWBERRY COLLEGE	NEWBERRY	SC	29108
007484	NEWBURY JUNIOR COLLEGE	BOSTON	MA	02115
002874	NIAGARA CO CMTY COLLEGE	ANBORN	NY	14132
002788	NIAGARA UNIVERSITY	NIAGARA UNIV	NY	14109
002005	NICHOLLS STATE UNIVERSITY	THIBODAUX	LA	70310
002197	NICHOLS COLLEGE	DUDLEY	MA	01570
012014	NIELSEN ELECS INSTITUTE	CHARLESTON	SC	29405
331558	NINE ONE SIX AREA VOC-TECH INST	SAINT PAUL	MN	55110
530263	NIXON-CLAY COMMERCIAL COLLEGE	AUSTIN	TX	78767
560240	NORFOLK COLLEGE	NORFOLK	VA	23510
003765	NORFOLK STATE UNIVERSITY	NORFOLK	VA	23504
007954	NORMANDALE CMTY COLLEGE	BLOOMINGTON	MN	55431
029087	NORTERN NEW MEXICO C C	EL RITO	NM	87530
002187	NORTH ADAMS STATE COLLEGE	NORTH ADAMS	MA	01247
100127	NORTH ALABAMA COLLEGE OF COMMERCE	HUNTSVILLE	AL	35800
001016	NORTH ALABAMA, U OF	FLORENCE	AL	35630
170019	NORTH AMERICAN TRAINING ACADEMY	NEWARK	DE	19713
002369	NORTH CEN BIBLE COLLEGE	MINNEAPOLIS	MN	55404
005313	NORTH CEN TECH COLLEGE	MANSFIELD	OH	44906
001734	NORTH CENTRAL COLLEGE	NAPERVILLE	IL	60560
269011	NORTH CENTRAL KANSAS AREA VOC-TECH SCHOOL	BELOIT	KS	67420
005387	NORTH CENTRAL TECH INST	WAUSAU	WI	54401
007111	NORTH COUNTRY C C	SARANAC LAKE	NY	12983
001508	NORTH FLORIDA JR COLLEGE	MADISON	FL	32340
009841	NORTH FLORIDA, U OF	JACKSONVILLE	FL	32216
001585	NORTH GEORGIA COLLEGE	DAHLONEGA	GA	30533
003441	NORTH GREENVILLE COLLEGE	TIGERVILLE	SC	29688
011145	NORTH HARRIS CO COLLEGE	HOUSTON	TX	77073
002370	NORTH HENNEPIN C C	BROOKLYN PARK	MN	55445
001877	NORTH IOWA AREA CC	MASON CITY	IA	50401
351521	NORTH KANSAS CITY MEM HOSP--RADIOLOGIC TECHN	KANSAS CITY	MO	64116
029066	NORTH LAKE COLLEGE	IRVING	TX	75062
001735	NORTH PARK C & THEOL SEM	CHICAGO	IL	60625
009704	NORTH SEATTLE CC	SEATTLE	WA	98103
002173	NORTH SHORE CMTY COLLEGE	BEVERLY	MA	01915
003594	NORTH TEXAS ST UNIVERSITY	DENTON	TX	76203
141598	NORTH VALLEY OCCUPATIONAL CENTER	MISSION HILLS	CA	91345
007191	NORTHAMPTON CO AREA CC	BETHLEHEM	PA	18017
002020	NORTHEAST LOUISIANA U	MONROE	LA	71209
002426	NORTHEAST MISS JR COLLEGE	BOONEVILLE	MS	38829
002495	NORTHEAST MO ST U	KIRKSVILLE	MO	63501
009257	NORTHEAST WIS TECH INST	GREEN BAY	WI	54303
001693	NORTHEASTERN ILL U	CHICAGO	IL	60625

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001361	NORTHEASTERN JR COLLEGE	STERLING	CO	80751
003160	NORTHEASTERN OKLA A & M C	MIAMI	OK	74354
003161	NORTHEASTERN OKLA STATE U	TAHLEQUAH	OK	74464
002199	NORTHEASTERN UNIVERSITY	BOSTON	MA	02115
001082	NORTHERN ARIZ UNIVERSITY	FLAGSTAFF	AZ	86011
001349	NORTHERN COLORADO,U OF	GREELEY	CO	80639
002174	NORTHERN ESSEX C C	HAVERHILL	MA	01830
001737	NORTHERN ILL UNIVERSITY	DE KALB	IL	60115
001890	NORTHERN IOWA,U OF	CEDAR FALLS	IA	50613
009275	NORTHERN KY UNIVERSITY	HIGHLAND HTS	KY	41076
005760	NORTHERN MAINE VOC TECH INST	PRESQUE ISLE	ME	04769
002301	NORTHERN MICH UNIVERSITY	MARQUETTE	MI	49855
003162	NORTHERN OKLAHOMA COLLEGE	TONKAWA	OK	74653
003466	NORTHERN STATE COLLEGE	ABERDEEN	SD	57401
003727	NORTHERN VA CMTY COLLEGE	ANNANDALE	VA	22003
560022	NORTHERN VIRGINIA BUSINESS COLLEGE	FALLS CHURCH	VA	22042
011862	NORTHLAND PIONEER COLLEGE	HOLBROOK	AZ	86025
001248	NORTHROP UNIVERSITY	INGLEWOOD	CA	90306
002998	NORTHWEST BIBLE COLLEGE	MINOT	ND	58701
141623	NORTHWEST COLLEGE OF MEDICAL & DENTAL ASSTS	POMONA	CA	91768
004600	NORTHWEST IOWA TECH C	SHELDON	IA	51201
002427	NORTHWEST MISS JR COLLEGE	SENATOBIA	MS	38668
002496	NORTHWEST MO ST U	MARYVILLE	MO	64468
004861	NORTHWESTERN BUS C TECH CEN	LIMA	OH	45805
230133	NORTHWESTERN BUSINESS COLLEGE	CHICAGO	IL	60641
002371	NORTHWESTERN COLLEGE	ROSEVILLE	MN	55113
007353	NORTHWESTERN ELECTRONICS INST	COLUMBIA HEIGHT	MN	55421
330100	NORTHWESTERN ELECTRONICS INSTITUTE	MINNEAPOLIS	MN	55406
002302	NORTHWESTERN MICH COLLEGE	TRAVERSE CITY	MI	49684
002021	NORTHWESTERN ST U OF LA	NATCHITOCES	LA	71457
001739	NORTHWESTERN UNIVERSITY	EVANSTON	IL	60201
008759	NORTHWOOD INSTITUTE	MIDLAND	MI	48640
003783	NORTHWEST C ASSEMBLIES GOD	KIRKLAND	WA	98033
001399	NORWALK COMMUNITY COLLEGE	NORWALK	CT	06854
003692	NORWICH U MAIN CAM	NORTHFIELD	VT	05663
003085	NOTRE DAME COLLEGE	CLEVELAND	OH	44121
002065	NOTRE DAME MD,COLLEGE OF	BALTIMORE	MD	21210
001840	NOTRE DAME,UNIVERSITY OF	NOTRE DAME	IN	46556
001031	NTHEST ALA ST JR COLLEGE	RAINSVILLE	AL	35986
001824	OAKLAND CITY COLLEGE	OAKLAND CITY	IN	47660
008760	OAKLAND COMMUNITY COLLEGE	BLOOMFLD HLS	MI	48013
002307	OAKLAND UNIVERSITY	ROCHESTER	MI	48063
009896	OAKTON COMMUNITY COLLEGE	DES PLAINES	IL	60016
001033	OAKWOOD COLLEGE	HUNTSVILLE	AL	35806
003086	OBERLIN COLLEGE	OBERLIN	OH	44074
001249	OCCIDENTAL COLLEGE	LOS ANGELES	CA	90041
002624	OCEAN COUNTY COLLEGE	TOMS RIVER	NJ	08753
003596	ODESSA COLLEGE	ODESSA	TX	79762
003035	OHIO DOMINICAN COLLEGE	COLUMBUS	OH	43219
003099	OHIO INST OF TECHNOLOGY	COLUMBUS	OH	43209
003089	OHIO NORTHERN UNIVERSITY	ADA	OH	45810
010687	OHIO ST U AGRL TECH INST	WOOSTER	OH	44691



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450325	OHIO STATE SCHOOL OF COSMETOLOGY	COLUMBUS	OH	43215
008802	OHIO STATE U ALL CAMPUSES	COLUMBUS	OH	43210
003090	OHIO STATE U CENTRAL OFF	COLUMBUS	OH	43210
003092	OHIO STATE U LIMA BR	LIMA	OH	45804
006883	OHIO STATE U MAIN CAMPUS	COLUMBUS	OH	43210
003093	OHIO STATE U MANSFIELD BR	MANSFIELD	OH	44906
008803	OHIO U ALL CAMPUSES	ATHENS	OH	45701
008036	OHIO U CENTRAL OFFICE	ATHENS	OH	45701
003102	OHIO U CHILlicoTHE BR	CHILlicoTHE	OH	45601
003100	OHIO U MAIN CAMPUS	ATHENS	OH	45701
003108	OHIO U ZANESVILLE BRANCH	ZANESVILLE	OH	43701
003109	OHIO WESLEYAN UNIVERSITY	DELAWARE	OH	43015
004481	OHLONE COLLEGE	FREMONT	CA	94539
001510	OKALOOSA-WALTON JUNIOR C	NICEVILLE	FL	32578
008040	OKLA STATE U CEN OFFICE	STILLWATER	OK	74078
003170	OKLA STATE U MAIN CAMPUS	STILLWATER	OK	74074
003171	OKLA STATE U TECH INST	OKLAHOMA CITY	OK	73107
003164	OKLAHOMA BAPT UNIVERSITY	SHAWNEE	OK	74801
008041	OKLAHOMA CENTRAL OFF, U OF	NORMAN	OK	73019
003184	OKLAHOMA NORMAN CAM, U OF	NORMAN	OK	73019
003728	OLD DOMINION UNIVERSITY	NORFOLK	VA	23508
002308	OLIVET COLLEGE	OLIVET	MI	49076
001741	OLIVET NAZARENE COLLEGE	KANKAKEE	IL	60901
005372	OLYMPIA TECH CMTY COLLEGE	OLYMPIA	WA	98502
003784	OLYMPIC COLLEGE	BREMERTON	WA	98310
002875	ONONDAGA CMTY COLLEGE	SYRACUSE	NY	13215
130058	OPPORTUNITIES INDUSTRIALIZATION CENTER	LITTLE ROCK	AR	72206
488560	OPPORTUNITIES INDUSTRIALIZATION CENTER	PHILADELPHIA	PA	19122
003985	ORAL ROBERTS UNIVERSITY	TULSA	OK	74171
002876	ORANGE CO CMTY COLLEGE	MIDDLETOWN	NY	10940
001250	ORANGE COAST COLLEGE	COSTA MESA	CA	92626
140301	ORANGE COUNTY BUSINESS COLLEGE	ANAHEIM	CA	92805
190146	ORANGE MEMORIAL HOSPITAL SCH OF X-RAY TECHN	ORLANDO	FL	32806
008808	OREGON ALL CAM, U OF	EUGENE	OR	97403
003223	OREGON MAIN CAMPUS, U OF	EUGENE	OR	97403
009190	OREGON ST HI ED SYS OFFICE	EUGENE	OR	97403
003210	OREGON STATE UNIVERSITY	CORVALLIS	OR	97331
009185	OSCAR ROSE JUNIOR COLLEGE	MIDWEST CITY	OK	73110
001362	OTERO JUNIOR COLLEGE	LA JUNTA	CO	81050
001937	OTTAWA UNIVERSITY	OTTAWA	KS	66067
003110	OTTERBEIN COLLEGE	WESTERVILLE	OH	43081
003598	OUR LADY OF LAKE U	SAN ANTONIO	TX	78285
420518	OUR LADY OF VICTORY SECRETARIAL SCHOOL	PLATTSBURGH	NY	12901
400240	OVERLOOK HOSPITAL SCHOOL OF RADIOLOGIC TECHN	SUMMIT	NJ	07901
141089	OXNARD BEAUTY COLLEGE	OXNARD	CA	93030
012842	OXNARD COLLEGE	OXNARD	CA	93033
001094	OZARKS, COLLEGE OF THE	CLARKSVILLE	AR	72830
002500	OZARKS, SCHOOL OF THE	POINT LOOKOUT	MO	65726
002792	PACE U PLSNTVL-BRCLF CAM	PLEASANTVILLE	NY	10570
008784	PACE UNIVERSITY ALL CAM	NEW YORK	NY	10038
007970	PACE UNIVERSITY CEN OFF	NEW YORK	NY	10038
002791	PACE UNIVERSITY NEW YORK	NEW YORK	NY	10038

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140304	PACIFIC COLLEGE OF MEDICAL & DENTAL ASSTS	SAN DIEGO	CA	92116
001254	PACIFIC LUTH THEOL SEM	BERKELEY	CA	94708
003785	PACIFIC LUTH UNIVERSITY	TACOMA	WA	98447
003212	PACIFIC UNIVERSITY	FOREST GROVE	OR	97116
001329	PACIFIC,UNIVERSITY OF THE	STOCKTON	CA	95211
001587	PATNE COLLEGE	AUGUSTA	GA	30901
001512	PALM BEACH JUNIOR COLLEGE	LAKE WORTH	FL	33461
012300	PALMER C OF CHIROPRACTIC	DAVENPORT	IA	52803
001259	PALO VERDE COLLEGE	BLYTHE	CA	92225
001260	PALOMAR COLLEGE	SAN MARCOS	CA	92069
400065	PAN AMERICAN BUSINESS SCHOOL	UNION CITY	NJ	07087
003599	PAN AMERICAN UNIVERSITY	EDINBURG	TX	78539
003600	PANOLA JUNIOR COLLEGE	CARTHAGE	TX	75633
003601	PARIS JUNIOR COLLEGE	PARIS	TX	75460
529501	PARIS STATE AREA VOCATIONAL-TECHNICAL SCHOOL	PARIS	TN	38242
400136	PARISIAN BEAUTY ACADEMY	HACKENSACK	NJ	07601
003828	PARKERSBURG CMTY COLLEGE	PARKERSBURG	WV	26101
007118	PARKLAND COLLEGE	CHAMPAIGN	IL	61821
002793	PARSONS SCHOOL OF DESIGN	NEW YORK	NY	10011
001261	PASADENA CITY COLLEGE	PASADENA	CA	91106
590080	PATRICIA STEVENS CAREER COLLEGE	MILWAUKEE	WI	53201
146118	PATRICIA STEVENS FASHION CAREER COLLEGE	SAN DIEGO	CA	92101
003751	PATRICK HENRY CC	MARTINSVILLE	VA	24112
001034	PATRICK HENRY STATE JC	MONROEVILLE	AL	36460
109055	PATTERSON STATE TECHNICAL COLLEGE	MONTGOMERY	AL	36116
003602	PAUL QUINN COLLEGE	WACO	TX	76704
002795	PAUL SMITH'S C ARTS & SCI	PAUL SMITHS	NY	12970
002088	PEABODY INST OF JHU	BALTIMORE	MD	21202
002430	PEARL RIVER JR COLLEGE	POPLARVILLE	MS	39470
003309	PEIRCE JUNIOR COLLEGE	PHILADELPHIA	PA	19102
003786	PENINSULA COLLEGE	PORT ANGELES	WA	98362
002484	PENN VALLEY CMTY COLLEGE	KANSAS CITY	MO	64111
010998	PENNSYLVANIA INST TECH	UPPER DARBY	PA	19082
003331	PENNSYLVANIA ST U ALTOONA	ALTOONA	PA	16603
003332	PENNSYLVANIA ST U BEAVER	MONACA	PA	15061
003333	PENNSYLVANIA ST U BEHREND C	ERIE	PA	16563
006814	PENNSYLVANIA ST U CAPITOL	MIDDLETOWN	PA	17057
003329	PENNSYLVANIA ST U CENTRAL OFFICE	UNIVERSITY PK	PA	16802
006922	PENNSYLVANIA ST U DELAWARE	MEDIA	PA	19063
003336	PENNSYLVANIA ST U FAYETTE	UNIONTOWN	PA	15401
006965	PENNSYLVANIA ST U MAIN CAM (U PK)	UNIVERSITY PK	PA	16802
003339	PENNSYLVANIA ST U MCKEESPORT	MCKEESPORT	PA	15132
003340	PENNSYLVANIA ST U MONT ALTO	MONT ALTO	PA	17237
003341	PENNSYLVANIA ST U NEW KENSINGTON	NEW KENSINGTN	PA	15068
003342	PENNSYLVANIA ST U OGONTZ	ABINGTON	PA	19001
003343	PENNSYLVANIA ST U SCHUYLKILL	SHYCLKL HAVEN	PA	17972
003345	PENNSYLVANIA ST U SHENANGO VALLEY	SHARON	PA	16146
003346	PENNSYLVANIA ST U WILKES-BARRE	LEHMAN	PA	18627
003347	PENNSYLVANIA ST U YORK	YORK	PA	17403
007860	PENNSYLVANIA TECH INST	PITTSBURGH	PA	15222
003378	PENNSYLVANIA, U OF	PHILADELPHIA	PA	19104
001513	PENSACOLA JUNIOR COLLEGE	PENSACOLA	FL	32504



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001264	PEPPERDINE UNIVERSITY	MALIBU	CA	90265
002559	PERU STATE COLLEGE	PERU	NE	68421
002955	PFEIFFER COLLEGE	MISENHEIMER	NC	28109
003355	PHILADELPHIA C PERFORMING ARTS	PHILADELPHIA	PA	19102
003354	PHILADELPHIA C TEXTILES & SCI	PHILADELPHIA	PA	19144
480767	PHILADELPHIA SCHOOL OF OFFICE TRAINING	PHILADELPHIA	PA	19103
480772	PHILADELPHIA TECHNICAL INSTITUTE SCH OF TRADE	PHILADELPHIA	PA	19107
480773	PHILADELPHIA TRAINING CENTER	PHILADELPHIA	PA	19103
003249	PHILADELPHIA, CMTY COLLEGE	PHILADELPHIA	PA	19107
001103	PHILANDER SMITH COLLEGE	LITTLE ROCK	AR	72202
560627	PHILLIPS BUSINESS COLLEGE	LYNCHBURG	VA	24505
001104	PHILLIPS CO CMTY COLLEGE	HELENA	AR	72342
009221	PHILLIPS COLLEGE	GULFPORT	MS	39501
340012	PHILLIPS COLLEGE	JACKSON	MS	39201
003175	PHILLIPS UNIVERSITY	ENID	OK	73701
001078	PHOENIX COLLEGE	PHOENIX	AZ	85013
120197	PHOENIX INSTITUTE OF TECHNOLOGY	PHOENIX	AZ	85034
002956	PIEDMONT BIBLE COLLEGE	WINSTON-SALEM	NC	27101
003992	PIEDMONT TECH COLLEGE	GREENWOOD	SC	29646
007266	PIMA COMMUNITY COLLEGE	TUCSON	AZ	85709
339027	PINE TECHNICAL INST	PINE CITY	MN	55063
139612	PINES VOCATIONAL-TECHNICAL SCHOOL	PINE BLUFF	AR	71603
339028	PIPESTONE AREA VOCATIONAL-TECHNICAL INST	PIPESTONE	MN	56164
001926	PITTSBURG ST UNIVERSITY	PITTSBURG	KS	66762
008815	PITTSBURGH ALL CAM, U OF	PITTSBURGH	PA	15260
003380	PITTSBURGH BRADFORD, U OF	BRADFORD	PA	16701
008046	PITTSBURGH CEN OFFICE, U OF	PITTSBURGH	PA	15260
003381	PITTSBURGH GREENSBURG, U OF	GREENSBURG	PA	15601
003382	PITTSBURGH JOHNSTOWN, U OF	JOHNSTOWN	PA	15904
003379	PITTSBURGH MAIN CAM, U OF	PITTSBURGH	PA	15260
007437	PITTSBURGH TECH INST	PITTSBURGH	PA	15222
003383	PITTSBURGH TITUSVILLE, U OF	TITUSVILLE	PA	16354
350092	PLATT COLLEGE	SAINT JOSEPH	MO	64501
169016	PLATT REGIONAL VOCATIONAL-TECHNICAL SCHOOL	MILFORD	CT	06460
007638	PLATTE VLY BIBLE COLLEGE	SCOTTSBLUFF	NE	69361
400019	PLAZA SCHOOL	PARAMUS	NJ	07652
121553	PLAZA THREE INC	PHOENIX	AZ	85016
001262	POINT LOMA COLLEGE	SAN DIEGO	CA	92106
001514	POLK COMMUNITY COLLEGE	WINTER HAVEN	FL	33880
001173	POMONA COLLEGE	CLAREMONT	CA	91711
001268	PORTERVILLE COLLEGE	PORTERVILLE	CA	93257
003213	PORTLAND CMTY COLLEGE	PORTLAND	OR	97215
003216	PORTLAND STATE UNIVERSITY	PORTLAND	OR	97207
001401	POST COLLEGE	WATERBURY	CT	06708
003829	POTOMAC STATE COLLEGE	KEYSER	WV	26726
001640	PRAIRIE STATE COLLEGE	CHICAGO HTS	IL	60411
003630	PRAIRIE VIEW A&M U	PRAIRIE VIEW	TX	77446
001938	PRATT CMTY COLLEGE	PRATT	KS	67124
800024	PREPARATORY #2	MEXICO	RE	
029216	PRESTONBURG CMTY COLLEGE	PRESTONBURG	KY	41653
002089	PRINCE GEORGES CC	LARGO	MD	20772
002627	PRINCETON UNIVERSITY	PRINCETON	NJ	08544

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240096	PROFESSIONAL CAREERS INSTITUTES INC	INDIANAPOLIS	IN	46268
231558	PROVIDENT HOSPITAL SCHOOL OF X-RAY TECHNOLOGY	CHICAGO	IL	60615
007108	PUERTO RICO PIEDRAS, U OF	RIO PIEDRAS	PR	00931
003797	PUGET SOUND, UNIVERSITY OF	TACOMA	WA	98416
001827	PURDUE U CALUMET	HAMMOND	IN	46323
007888	PURDUE U CENTRAL OFFICE	W LAFAYETTE	IN	47907
001825	PURDUE U MAIN CAMPUS	W LAFAYETTE	IN	47907
001826	PURDUE U NORTH CEN CAMPUS	WESTVILLE	IN	46391
001745	QUINCY COLLEGE	QUINCY	IL	62301
010530	QUINEBAUG VALLEY CC	DANIELSON	CT	06239
001402	QUINNIPIAC COLLEGE	HAMDEN	CT	06518
003732	RADFORD UNIVERSITY	RADFORD	VA	24142
191735	RADIO ENGINEERING SCHOOLS	SARASOTA	FL	33577
450065	RAEDEL COLLEGE AND SECRETARIAL SCHOOL	CANTON	OH	44702
009344	RAMAPO C OF NEW JERSEY	MAHWAH	NJ	07430
005447	RANDOLPH TECHNICAL C	ASHEBORO	NC	27203
003734	RANDOLPH-MACON WOMAN'S C	LYNCHBURG	VA	24503
003603	RANGER JUNIOR COLLEGE	RANGER	TX	76470
350101	RANKEN TECHNICAL INSTITUTE	SAINT LOUIS	MO	63113
230245	RAY VOGUE SCHOOLS OF DESIGN	CHICAGO	IL	60611
010388	READING AREA CMTY COLLEGE	READING	PA	19603
009543	RED ROCKS COMM COLLEGE	GOLDEN	CO	80401
339041	RED WING AREA VOCATIONAL-TECHNICAL INSTITUTE	RED WING	MN	55066
001322	REDLANDS, UNIVERSITY OF	REDLANDS	CA	92373
001185	REDWOODS, COLLEGE OF THE	EUREKA	CA	95501
003217	REED COLLEGE	PORTLAND	OR	97202
002311	REFORMED BIBLE COLLEGE	GRAND RAPIDS	MI	49506
001363	REGIS COLLEGE	DENVER	CO	80221
002206	REGIS COLLEGE	WESTON	MA	02193
109029	REID STATE TECHNICAL COLLEGE	EVERGREEN	AL	36401
007119	REND LAKE COLLEGE	INA	IL	62846
003408	RHODE ISLAND C C	WARWICK	RI	02886
003407	RHODE ISLAND COLLEGE	PROVIDENCE	RI	02908
003409	RHODE ISLAND SCH OF DESIGN	PROVIDENCE	RI	02903
003414	RHODE ISLAND, U OF	KINGSTON	RI	02881
003604	RICE UNIVERSITY	HOUSTON	TX	77001
003707	RICHARD BLAND C WM & MARY	PETERSBURG	VA	23805
140327	RICHARDS BEAUTY COLLEGE	ONTARIO	CA	91762
331604	RICHFIELD BEAUTY COLLEGE	MINNEAPOLIS	MN	55423
010879	RICHLAND CMTY COLLEGE	DECATUR	IL	62526
008504	RICHLAND COLLEGE	DALLAS	TX	75231
800067	RICHMOND COLLEGE - KENNSINGTON CAMPUS	ENGLAND	RE	
003744	RICHMOND, UNIVERSITY OF	RICHMOND	VA	23173
001625	RICKS COLLEGE	REXBURG	ID	83440
002628	RIDER COLLEGE	LAWRENCEVILLE	NJ	08648
003116	RIO GRANDE COLLEGE	RIO GRANDE	OH	45674
001269	RIO HONDO COLLEGE	WHITTIER	CA	90608
003884	RIPON COLLEGE	RIPON	WI	54971
001270	RIVEKSIDE CITY COLLEGE	RIVERSIDE	CA	92506
561522	RIVERSIDE HOSPITAL SCH OF PROF NURSING	NEWPORT NEWS	VA	23601
009914	ROANE STATE CMTY COLLEGE	HARRIMAN	TN	37748
003359	ROBERT MORRIS COLLEGE	CORAOPOLIS	PA	15108

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400091	ROBERTS WALSH BUSINESS SCHOOL	UNION	NJ	07083
002805	ROBERTS WESLEYAN COLLEGE	ROCHESTER	NY	14624
339025	ROCHESTER AREA VOCATIONAL-TECHNICAL INST	ROCHESTER	MN	55901
004811	ROCHESTER BUS INSTITUTE	ROCHESTER	NY	14604
002373	ROCHESTER CMTY COLLEGE	ROCHESTER	MN	55901
002806	ROCHESTER INST TECHNOLOGY	ROCHESTER	NY	14623
002894	ROCHESTER, UNIVERSITY OF	ROCHESTER	NY	14627
001747	ROCK VALLEY COLLEGE	ROCKFORD	IL	61101
002499	ROCKHURST COLLEGE	KANSAS CITY	MO	64110
002877	ROCKLAND CMTY COLLEGE	SUFFERN	NY	10901
009401	ROCKMONT COLLEGE	DENVER	CO	80226
004917	ROGER WILLIAMS C MAIN CAM	BRISTOL	RI	02809
001515	ROLLINS COLLEGE	WINTER PARK	FL	32789
126012	RON BAILIE SCHOOL OF BROADCASTING	PHOENIX	AZ	85012
001749	ROOSEVELT UNIVERSITY	CHICAGO	IL	60605
001750	ROSARY COLLEGE	RIVER FOREST	IL	60305
003360	ROSEMONT COLLEGE	ROSEMONT	PA	19010
011930	ROXBURY COMMUNITY COLLEGE	ROXBURY	MA	02119
002810	RUSSELL SAGE C MAIN CAM	TROY	NY	12180
002811	RUSSELL SAGE JC OF ALBANY	ALBANY	NY	12208
002433	RUST COLLEGE	HOLLY SPRINGS	MS	38635
008771	RUTGERS THE ST U ALL CAM	NEW BRUNSWICK	NJ	08903
002629	RUTGERS THE ST U CEN OFF	NEW BRUNSWICK	NJ	08903
004741	RUTGERS U CAMDEN CAMPUS	CAMDEN	NJ	08102
006964	RUTGERS U NEW BRUNSWICK	NEW BRUNSWICK	NJ	08903
002631	RUTGERS U NEWARK CAMPUS	NEWARK	NJ	07102
007817	RUTLEDGE C WINSTON-SALEM	WINSTON-SALEM	NC	27102
011195	RUTLEDGE COLLEGE	FAYETTEVILLE	NC	28301
011600	RUTLEDGE COLLEGE	GREENSBORO	NC	27401
500041	RUTLEDGE COLLEGE	GREENVILLE	SC	29607
560320	RUTLEDGE COLLEGE	RICHMOND	VA	23220
003448	S C AT COLUMBIA, U OF	COLUMBIA	SC	29208
001030	S D BISHOP ST JR COLLEGE	MOBILE	AL	36690
001233	SACRAMENTO CITY COLLEGE	SACRAMENTO	CA	95822
002959	SACRED HEART COLLEGE	BELMONT	NC	28012
002313	SACRED HEART SEMINARY C	DETROIT	MI	48206
001403	SACRED HEART UNIVERSITY	BRIDGEPORT	CT	06606
003937	SACRED HEART, U OF THE	SANTURCE	PR	00914
008918	SADDLEBACK CMTY COLLEGE	MISSION VIEJO	CA	92692
002314	SAGINAW VLY STATE COLLEGE	UNIV CTR	MI	48710
001889	SAINT AMBROSE COLLEGE	DAVENPORT	IA	52803
002967	SAINT ANDREWS PRESB C	LAURINBURG	NC	28352
002587	SAINT ANSELM COLLEGE	MANCHESTER	NH	03102
199001	SAINT AUGUSTINE TECHNICAL CENTER	SAINT AUGUSTINE	FL	32084
002968	SAINT AUGUSTINES COLLEGE	RALEIGH	NC	27611
002341	SAINT BENEDICT, COLLEGE OF	SAINT JOSEPH	MN	56374
002817	SAINT BONAVENTURE U	ST BONVENTURE	NY	14778
002342	SAINT CATHERINE, C OF	SAINT PAUL	MN	55105
003364	SAINT CHARLES BORROMEO SEM	PHILADELPHIA	PA	19151
002310	SAINT CLAIR CO C C	PORT HURON	MI	48060
002377	SAINT CLOUD ST UNIVERSITY	SAINT CLOUD	MN	56301
003621	SAINT EDWARD'S UNIVERSITY	AUSTIN	TX	78704

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002820	SAINT FRANCIS COLLEGE	BROOKLYN	NY	11201
001664	SAINT FRANCIS, COLLEGE OF	JOLIET	IL	60435
003183	SAINT GREGORY'S COLLEGE	SHAWNEE	OK	74801
002821	SAINT JOHN FISHER COLLEGE	ROCHESTER	NY	14618
002214	SAINT JOHN'S SEMINARY	BRIGHTON	MA	02135
002379	SAINT JOHN'S UNIVERSITY	COLLEGEVILLE	MN	56321
002823	SAINT JOHN'S UNIVERSITY	JAMAICA	NY	11439
230154	SAINT JOHNS HOSPITAL SCHOOL OF NURSING	SPRINGFIELD	IL	62701
001523	SAINT JOHNS RIVER CC	PALATKA	FL	32077
001409	SAINT JOSEPH COLLEGE	WEST HARTFORD	CT	06117
230155	SAINT JOSEPH HOSPITAL SCHOOL OF NURSING	JOLIET	IL	60435
320133	SAINT JOSEPH HOSPITAL SCHOOL OF X-RAY TECHN	MOUNT CLEMENS	MI	48044
029081	SAINT JOSEPH'S C SUFFOLK CAM	PATCHOGUE	NY	11772
002051	SAINT JOSEPH'S COLLEGE	NORTH WINDHAM	ME	04062
003367	SAINT JOSEPH'S UNIVERSITY	PHILADELPHIA	PA	19131
002829	SAINT LAWRENCE UNIVERSITY	CANTON	NY	13617
001526	SAINT LEO COLLEGE	SAINT LEO	FL	33574
002470	SAINT LOUIS C C FLORISSANT VALLEY	SAINT LOUIS	MO	63135
002471	SAINT LOUIS C C FOREST PARK	SAINT LOUIS	MO	63110
002504	SAINT LOUIS C OF PHARM	SAINT LOUIS	MO	63110
002472	SAINT LOUIS CC-MERAMEC	KIRKWOOD	MO	63122
008766	SAINT LOUIS' U ALL CAM	SAINT LOUIS	MO	63103
008024	SAINT LOUIS U CENTRAL OFF	SAINT LOUIS	MO	63103
002506	SAINT LOUIS U MAIN CAMPUS	SAINT LOUIS	MO	63103
003970	SAINT LOUIS U-PARKS C	CAHOKIA	IL	62206
251522	SAINT LUKE'S SCHOOL OF NURSING	SIOUX CITY	IA	51104
250135	SAINT LUKES HOSPITAL SCHOOL OF NURSING	CEDAR RAPIDS	IA	52402
002095	SAINT MARY'S C OF MD	ST MARYS CY	MD	20686
001836	SAINT MARY'S COLLEGE	NOTRE DAME	IN	46556
002380	SAINT MARY'S COLLEGE	WINONA	MN	55987
003623	SAINT MARY'S U SAN ANTONIO	SAN ANTONIO	TX	78284
160101	SAINT MARYS HOSP SCH OF NURSING	WATERBURY	CT	06702
003694	SAINT MICHAEL'S COLLEGE	WINOOSKI	VT	05404
002382	SAINT OLAF COLLEGE	NORTHFIELD	MN	55057
002383	SAINT PAUL BIBLE COLLEGE	BIBLE COLLEGE	MN	55375
339029	SAINT PAUL VOCATIONAL-TECHNICAL INST	SAINT PAUL	MN	55102
002638	SAINT PETERS COLLEGE	JERSEY CITY	NJ	07306
400258	SAINT PETERS MEDICAL CENTER SCH OF NURSING	NEW BRUNSWICK	NJ	08903
001528	SAINT PETERSBG JR COLLEGE	ST PETERSBURG	FL	33733
003608	SAINT PHILIP'S COLLEGE	SAN ANTONIO	TX	78203
002705	SAINT ROSE, COLLEGE OF	ALBANY	NY	12203
001412	SAINT THOMAS SEMINARY	BLOOMFIELD	CT	06002
003654	SAINT THOMAS, U OF	HOUSTON	TX	77006
002345	SAINT THOMAS, COLLEGE OF	SAINT PAUL	MN	55105
003368	SAINT VINCENT COLLEGE	LATROBE	PA	15650
160100	SAINT VINCENTS MED CTR SCH OF RADIOLOGIC T	BRIDGEPORT	CT	06606
001768	SAINT XAVIER COLLEGE	CHICAGO	IL	60655
003820	SALEM COLLEGE MAIN CAMPUS	SALEM	WV	26426
002091	SALISBURY STATE COLLEGE	SALISBURY	MD	21801
003411	SALVE REGINA-NEWPORT C	NEWPORT	RI	02840
003606	SAM HOUSTON ST UNIVERSITY	HUNTSVILLE	TX	77341
420623	SAMARITAN HOSPITAL SCHOOL OF NURSING	TROY	NY	12180

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001036	SAMFORD UNIVERSITY	BIRMINGHAM	AL	35209
003607	SAN ANTONIO C C DIST CEN OFF	SAN ANTONIO	TX	78284
009163	SAN ANTONIO COLLEGE	SAN ANTONIO	TX	78284
539085	SAN ANTONIO COLLEGE OF MED-DENTAL ASSISTANTS	SAN ANTONIO	TX	78201
009162	SAN ANTONIO DIST J C ALL CAM	SAN ANTONIO	TX	78284
536100	SAN ANTONIO TRADE SCHOOL	SAN ANTONIO	TX	78210
001272	SAN BERNARDINO VLY C	SN BERNARDINO	CA	92410
008895	SAN DIEGO CITY COLLEGE	SAN DIEGO	CA	92101
001275	SAN DIEGO MESA COLLEGE	SAN DIEGO	CA	92111
001151	SAN DIEGO STATE U	SAN DIEGO	CA	92182
010395	SAN DIEGO,UNIVERSITY OF	SAN DIEGO	CA	92110
029032	SAN FRANCISCO CC DIST	SAN FRANCISCO	CA	94103
143526	SAN FRANCISCO COMMUNITY COLLEGE	SAN FRANCISCO	CA	94103
001154	SAN FRANCISCO STATE U	SAN FRANCISCO	CA	94132
029136	SAN JACINTO C ALL CAM	PASADENA	TX	77505
003609	SAN JACINTO C CENTRAL CAM	PASADENA	TX	77505
012713	SAN JACINTO C NORTH CAM	HOUSTON	TX	77049
001280	SAN JOAQUIN DELTA COLLEGE	STOCKTON	CA	95207
029042	SAN JOSE CC DIST OFFICE	SAN JOSE	CA	95135
001282	SAN JOSE CITY COLLEGE	SAN JOSE	CA	95128
001155	SAN JOSE STATE U	SAN JOSE	CA	95192
151550	SAN JUAN BASIN AREA VOCATIONAL SCHOOL	CORTEZ	CO	81321
004697	SAN MATEO CC DIST SYS OFF	SAN MATEO	CA	94402
008713	SAN MATEO CC SYS ALL INST	SAN MATEO	CA	94403
001181	SAN MATEO,COLLEGE OF	SAN MATEO	CA	94402
350086	SANFORD-BROWN COLLEGE OF BUSINESS	SAINT ANN	MO	63074
009333	SANGAMON STATE UNIVERSITY	SPRINGFIELD	IL	62708
001284	SANTA ANA COLLEGE	SANTA ANA	CA	92706
001285	SANTA BARBARA CTY COLLEGE	SANTA BARBARA	CA	93109
001326	SANTA CLARA,UNIVERSITY OF	SANTA CLARA	CA	95053
001519	SANTA FE CMTY COLLEGE	GAINESVILLE	FL	32601
001286	SANTA MONICA COLLEGE	SANTA MONICA	CA	90405
001287	SANTA ROSA JUNIOR COLLEGE	SANTA ROSA	CA	95401
001752	SAUK VALLEY COLLEGE	DIXON	IL	61021
209017	SAVANNAH AREA VOCATIONAL-TECHNICAL SCHOOL	SAVANNAH	GA	31401
001590	SAVANNAH STATE COLLEGE	SAVANNAH	GA	31404
140348	SAWYER COLLEGE OF BUSINESS	PASADENA	CA	91106
140349	SAWYER COLLEGE OF BUSINESS	VAN NUYS	CA	91405
141160	SAWYER COLLEGE OF BUSINESS	VENTURA	CA	93003
246015	SAWYER COLLEGE OF BUSINESS	HAMMOND	IN	46320
456031	SAWYER COLLEGE OF BUSINESS	CLEVELAND	OH	44118
146361	SAWYER SCHOOL	ANAHEIM	CA	92802
480853	SAWYER SCHOOL	PITTSBURGH	PA	15222
400094	SAWYER SCHOOL OF BUSINESS	ELIZABETH	NJ	07208
008819	SC ALL CAMPUSES,U OF	COLUMBIA	SC	29208
003449	SC AT AIKEN,U OF	AIKEN	SC	29801
003453	SC AT LANCASTER,U OF	LANCASTER	SC	29720
003454	SC AT SALKEHATCHIE,U OF	ALLENDALE	SC	29810
006951	SC AT SPARTANBURG,U OF	SPARTANBURG	SC	29303
008049	SC CENTRAL OFFICE,U OF	COLUMBIA	SC	29208
003451	SC COASTAL CAROLINA, U OF	CONWAY	SC	29526
003446	SC STATE COLLEGE	ORANGEBURG	SC	29117

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006785	SCHENECTADY COUNTY CC	SCHENECTADY	NY	12305
001753	SCHOOL OF THE ART INST CHGO	CHICAGO	IL	60603
002315	SCHOOLCRAFT COLLEGE	LIVONIA	MI	48152
003167	SCI & ARTS OF OKLA,U OF	CHICKASHA	OK	73018
004074	SCOTT COMMUNITY COLLEGE	BETTENDORF	IA	52722
008304	SCOTTSDALE CMTY COLLEGE	SCOTTSDALE	AZ	85253
003384	SCRANTON,UNIVERSITY OF	SCRANTON	PA	18510
001174	SCRIPPS COLLEGE	CLAREMONT	CA	91711
529050	SEA ISLE VOCATIONAL TECHNICAL CENTER	MEMPHIS	TN	38117
009706	SEATTLE CC SOUTH CAMPUS	SEATTLE	WA	98106
003788	SEATTLE PACIFIC U	SEATTLE	WA	98119
003790	SEATTLE UNIVERSITY	SEATTLE	WA	98122
001037	SELMA UNIVERSITY	SELMA	AL	36701
001520	SEMINOLE CMTY COLLEGE	SANFORD	FL	32771
003178	SEMINOLE JUNIOR COLLEGE	SEMINOLE	OK	74868
001186	SEQUOIAS, COLLEGE OF THE	VISALIA	CA	93277
002632	SETON HALL UNIVERSITY	SOUTH ORANGE	NJ	07079
003362	SETON HILL COLLEGE	GREENSBURG	PA	15601
008228	SEWARD CO CMTY COLLEGE	LIBERAL	KS	67901
001299	SHASTA COLLEGE	REDDING	CA	96099
002962	SHAW UNIVERSITY	RALEIGH	NC	27611
012748	SHAWNEE ST CMTY COLLEGE	PORTSMOUTH	OH	45662
010439	SHELEY STATE CMTY COLLEGE	MEMPHIS	TN	38104
001062	SHELDON JACKSON COLLEGE	SITKA	AK	99835
480878	SHENAGO VALLEY COMMERCIAL INSTITUTE	SHARON	PA	16146
003822	SHEPHERD COLLEGE	SHEPHERDSTOWN	WV	25443
003930	SHERIDAN COLLEGE	SHERIDAN	WY	82801
199021	SHERIDAN VOCATIONAL CENTER	HOLLYWOOD	FL	33021
003326	SHIPPENSBURG ST COLLEGE	SHIPPENSBURG	PA	17257
003791	SHORELINE CMTY COLLEGE	SEATTLE	WA	98133
002816	SIENA COLLEGE	LOUDONVILLE	NY	12211
001290	SIERRA COMMUNITY COLLEGE	ROCKLIN	CA	95677
002208	SIMMONS COLLEGE	BOSTON	MA	02115
001887	SIMPSON COLLEGE	INDIANOLA	IA	50125
003119	SINCLAIR CMTY COLLEGE	DAYTON	OH	45402
001187	SISKIYOU, COLLEGE OF THE	WEED	CA	96094
002814	SKIDMORE COLLEGE	SARATOGA SPG	NY	12866
007713	SKYLINE COLLEGE	SAN BRUNO	CA	94066
003327	SLIPPERY ROCK UNIVERSITY	SLIPPERY ROCK	PA	16057
002209	SMITH COLLEGE	NORTHAMPTON	MA	01063
001038	SNEAD STATE JR COLLEGE	BOAZ	AL	35957
003679	SNOW COLLEGE	EPHRAIM	UT	84627
007731	SOMERSET COUNTY COLLEGE	SOMERVILLE	NJ	08876
001057	SOUTH ALABAMA, U OF	MOBILE	AL	36688
141538	SOUTH BAY COLLEGE OF BUSINESS	HAWTHORNE	CA	90250
359022	SOUTH CENTRAL AREA PRACTICAL NURSING SCHOOL	WEST PLAINS	MO	65775
231584	SOUTH CHICAGO COMM HOSPITAL RADIOLOGIC TECHN	CHICAGO	IL	60617
010299	SOUTH DAKOTA CEN OFFICE, U OF	VERMILLION	SD	57069
003474	SOUTH DAKOTA MAIN CAM, U OF	VERMILLION	SD	57069
003470	SOUTH DAKOTA SCH MINES & TECH	RAPID CITY	SD	57701
003472	SOUTH DAKOTA SPRINGFIELD, U OF	SPRINGFIELD	SD	57062
003471	SOUTH DAKOTA ST U	BROOKINGS	SD	57007



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001537	SOUTH FLORIDA, U OF	TAMPA	FL	33620
001592	SOUTH GEORGIA COLLEGE	DOUGLAS	GA	31533
209022	SOUTH GEORGIA VOCATIONAL-TECHNICAL SCHOOL	AMERICUS	GA	31709
010391	SOUTH OKLA CTY JR COLLEGE	OKLAHOMA CITY	OK	73159
003611	SOUTH PLAINS COLLEGE	LEVELLAND	TX	79336
003534	SOUTH, UNIVERSITY OF THE	SEWANEE	TN	37375
004723	SOUTHEAST CC MILFORD CAM	MILFORD	NE	68405
002501	SOUTHEAST MO ST U	CPE GIRARDEAU	MO	63701
191743	SOUTHEASTERN ACADEMY INC	KISSIMMEE	FL	32741
008740	SOUTHEASTERN CMTY COLLEGE	W BURLINGTON	IA	52655
002024	SOUTHEASTERN LA U	HAMMOND	LA	70402
002210	SOUTHEASTERN MASS U	N DARTMOUTH	MA	02747
003179	SOUTHEASTERN OKLA ST U	DURANT	OK	74701
013176	SOUTHERN ARK U EL DORADO BR	EL DORADO	AR	71730
001107	SOUTHERN ARK U MAIN CAMPUS	MAGNOLIA	AR	71753
140360	SOUTHERN CAL C OF MED & DENT CAREERS	ANAHEIM	CA	92804
029084	SOUTHERN CAL INST ARCH	SANTA MONICA	CA	90404
001328	SOUTHERN CALIFORNIA, U OF	LOS ANGELES	CA	90007
190010	SOUTHERN COLLEGE	ORLANDO	FL	32807
003518	SOUTHERN COLLEGE OF SEVENTH DAY ADVENTISTS	COLLEGE DALE	TN	37315
001365	SOUTHERN COLORADO, U OF	PUEBLO	CO	81001
001406	SOUTHERN CONN ST COLLEGE	NEW HAVEN	CT	06515
001619	SOUTHERN IDAHO, COLLEGE OF	TWIN FALLS	ID	83301
001758	SOUTHERN ILL U CARBONDALE	CARBONDALE	IL	62901
001759	SOUTHERN ILL U EDWARDSVILLE	EDWARDSVILLE	IL	62026
100012	SOUTHERN INSTITUTION	BIRMINGHAM	AL	35205
009435	SOUTHERN JC OF BUSINESS	BIRMINGHAM	AL	35203
009762	SOUTHERN MAINE, U OF	PORTLAND	ME	04103
003613	SOUTHERN METH UNIVERSITY	DALLAS	TX	75275
002441	SOUTHERN MISSISSIPPI, U OF	HATTIESBURG	MS	39406
005127	SOUTHERN OHIO COLLEGE	CINCINNATI	OH	45237
003219	SOUTHERN OREGON ST C	ASHLAND	OR	97520
009636	SOUTHERN U A & M C MAIN CAM	BATON ROUGE	LA	70813
009637	SOUTHERN U A&M C CEN OFF	BATON ROUGE	LA	70813
002026	SOUTHERN U IN NEW ORLEANS	NEW ORLEANS	LA	70126
004622	SOUTHERN U SHREVEPORT-BOSSIER	SHREVEPORT	LA	71107
003678	SOUTHERN UTAH ST COLLEGE	CEDAR CITY	UT	84720
003816	SOUTHERN WEST VA C C	HOLDEN	WV	25601
002502	SOUTHWEST BAPTIST U	BOLIVAR	MO	65613
002503	SOUTHWEST MO ST U	SPRINGFIELD	MO	65802
531614	SOUTHWEST SCHOOL OF MEDICAL ASSISTANTS	SAN ANTONIO	TX	78205
109049	SOUTHWEST STATE TECHNICAL COLLEGE	MOBILE	AL	36690
460118	SOUTHWEST TECHNICAL COLLEGE	OKLAHOMA CITY	OK	73129
003614	SOUTHWEST TEX JR COLLEGE	UVALDE	TX	78801
003615	SOUTHWEST TEXAS ST U	SAN MARCOS	TX	78666
007669	SOUTHWEST WISC VOC TECH INST	FENNIMORE	WI	53809
003616	SOUTHWESTERN ASSEMB GOD C	WAXAHACHIE	TX	75165
001294	SOUTHWESTERN COLLEGE	CHULA VISTA	CA	92010
419500	SOUTHWESTERN INDIAN POLYTECHNIC INSTITUTE	ALBUQUERQUE	NM	87114
002031	SOUTHWESTERN LA, U OF	LAFAYETTE	LA	70504
002317	SOUTHWESTERN MICH COLLEGE	DOWAGIAC	MI	49047
003181	SOUTHWESTERN OKLA ST U	WEATHERFORD	OK	73096



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008466	SOUTHWESTERN TECH C	SYLVA	NC	28779
001295	SOUTHWESTERN U SCH OF LAW	LOS ANGELES	CA	90005
003620	SOUTHWESTERN UNIVERSITY	GEORGETOWN	TX	78726
230169	SPARKS COLLEGE	SHELBYVILLE	IL	62565
007678	SPARTAN SCH AERONAUTICS	TULSA	OK	74151
003447	SPARTANBURG METH COLLEGE	SPARTANBURG	SC	29301
001594	SPELMAN COLLEGE	ATLANTA	GA	30314
003793	SPOKANE COMMUNITY COLLEGE	SPOKANE	WA	99202
009544	SPOKANE FLS CMTY COLLEGE	SPOKANE	WA	99204
002318	SPRING ARBOR COLLEGE	SPRING ARBOR	MI	49283
003363	SPRING GARDEN COLLEGE	CHESTNUT HILL	PA	19118
001041	SPRING HILL COLLEGE	MOBILE	AL	36608
002211	SPRINGFIELD COLLEGE	SPRINGFIELD	MA	01109
008078	SPRINGFIELD TECHNICAL CC	SPRINGFIELD	MA	01105
001761	SPRINGFLD COLLEGE IN ILL	SPRINGFIELD	IL	62702
008068	ST U SYS OF FLA SYS OFF	TALLAHASSEE	FL	32301
800062	ST. LUCIA SCHOOL OF MEDICINE, UNIV. OF	WEST INDIES	RE	
001305	STANFORD UNIVERSITY	STANFORD	CA	94305
010881	STARK TECHNICAL COLLEGE	CANTON	OH	44720
529019	STATE AREA VOCATIONAL-TECHNICAL SCHOOL	KNOXVILLE	TN	37919
009332	STATE COMMUNITY COLLEGE	E SAINT LOUIS	IL	62201
001306	STATE CTR CC DIST SYS OFF	FRESNO	CA	93704
007105	STATE TECH INST	MEMPHIS	TN	38134
012693	STATE TECH INST KNOXVILLE	KNOXVILLE	TN	37919
003624	STEPHEN F AUSTIN STATE U	NACOGDOCHES	TX	75962
002512	STEPHENS COLLEGE	COLUMBIA	MO	65201
001945	STERLING COLLEGE	STERLING	KS	67579
120179	STERLING SCHOOL	PHOENIX	AZ	85014
001531	STETSON UNIVERSITY	DELAND	FL	32720
002639	STEVENS INST TECHNOLOGY	HOBOKEN	NJ	07030
510035	STEWART SCHOOL OF HAIRSTYLING	ABERDEEN	SD	57401
800054	STOCKHOLM SCHOOL OF ECONOMICS	SWEDEN	RE	
009345	STOCKTON STATE COLLEGE	POMONA	NJ	08240
160135	STONE SCHOOL OF BUSINESS	NEW HAVEN	CT	06511
002217	STONEHILL COLLEGE	NORTH EASTON	MA	02356
001459	STRAYER COLLEGE	WASHINGTON	DC	20005
480963	STROUDSBURG SCHOOL OF COSMETOLOGY	STROUDSBURG	PA	18360
029249	SUFFOLK CO CC ALL CAMPUS	SELDEN	NY	11784
002878	SUFFOLK CO CC SELDEN CAM	SELDEN	NY	11784
002218	SUFFOLK UNIVERSITY	BOSTON	MA	02108
003625	SUL ROSS STATE UNIVERSITY	ALPINE	TX	79830
002879	SULLIVAN CO CMTY COLLEGE	LOCH SHELDRAKE	NY	12759
003995	SUMTER AREA TECH COLLEGE	SUMTER	SC	29150
002854	SUNY AGRL & TECH C ALFRED	ALFRED	NY	14802
002857	SUNY AGRL & TECH C DELHI	DELHI	NY	13753
002856	SUNY AGRL TECH C COBLESKI	COBLESKILL	NY	12043
002858	SUNY AGRL TECH C FARMINGDL	FARMINGDALE	NY	11735
002859	SUNY AGRL TECH C MORRISVL	MORRISVILLE	NY	13408
002835	SUNY AT ALBANY	ALBANY	NY	12222
002836	SUNY AT BINGHAMTON	BINGHAMTON	NY	13901
009554	SUNY AT BUFFALO ALL CAM	BUFFALO	NY	14214
002838	SUNY AT STONY BK MAIN CAM	STONY BROOK	NY	11794

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002851	SUNY C ENVRNMTL SCI-FORS	SYRACUSE	NY	13210
004750	SUNY C OF CERAMICS ALFRED	ALFRED	NY	14802
002841	SUNY COLLEGE AT BROCKPORT	BROCKPORT	NY	14420
002837	SUNY COLLEGE AT BUFFALO	BUFFALO	NY	14214
002842	SUNY COLLEGE AT BUFFALO	BUFFALO	NY	14222
002843	SUNY COLLEGE AT CORTLAND	CORTLAND	NY	13045
002844	SUNY COLLEGE AT FREDONIA	FREDONIA	NY	14063
002845	SUNY COLLEGE AT GENESEO	GENESEO	NY	14454
002846	SUNY COLLEGE AT NEW PALTZ	NEW PALTZ	NY	12562
002847	SUNY COLLEGE AT ONEONTA	ONEONTA	NY	13820
002848	SUNY COLLEGE AT OSWEGO	OSWEGO	NY	13126
002850	SUNY COLLEGE AT POTSDAM	POTSDAM	NY	13676
006791	SUNY COLLEGE AT PURCHASE	PURCHASE	NY	10577
007109	SUNY COLLEGE OLD WESTBURY	OLD WESTBURY	NY	11568
002849	SUNY COLLEGE PLATTSBURGH	PLATTSBURGH	NY	12901
002839	SUNY DOWNSTATE MEDL CTR	BROOKLYN	NY	11203
010286	SUNY EMPIRE STATE COLLEGE	SARATOGA SPG	NY	12866
004823	SUNY HLTH SCI CTR STNY BK	STONY BROOK	NY	11794
008788	SUNY SYS ALL INST	ALBANY	NY	12203
002855	SUNY-CANTON AGRIL & TECH COLLEGE	CANTON	NY	13617
421693	SUPERIOR CAREER INSTITUTE	NEW YORK	NY	10011
002970	SURRY COMMUNITY COLLEGE	DOBSON	NC	27017
209018	SWAINSBORO AREA VOCATIONAL-TECHNICAL SCHOOL	SWAINSBORO	GA	30401
003370	SWARTHMORE COLLEGE	SWARTHMORE	PA	19081
003742	SWEET BRIAR COLLEGE	SWEET BRIAR	VA	24595
002882	SYRACUSE U MAIN CAMPUS	SYRACUSE	NY	13210
289030	T H HARRIS VOCATIONAL-TECHNICAL SCHOOL	OPELOUSAS	LA	70570
003796	TACOMA COMMUNITY COLLEGE	TACOMA	WA	98465
001309	TAFT COLLEGE	TAFT	CA	93268
001046	TALLADEGA COLLEGE	TALLADEGA	AL	35160
007586	TAMPA TECH INSTITUTE	TAMPA	FL	33610
190040	TAMPA TECHNICAL INSTITUTE	TAMPA	FL	33603
001538	TAMPA, UNIVERSITY OF	TAMPA	FL	33606
029093	TANANA VLY CC	FAIRBANKS	AK	99701
002513	TARKIO COLLEGE	TARKIO	MO	64491
003631	TARLETON STATE UNIVERSITY	STEPHENVILLE	TX	76402
531650	TARRANT CITY JUNIOR COLLEGE--NORTHEAST CAMPUS	HURST	TX	76053
008898	TARRANT CO JUNIOR COLLEGE	FORT WORTH	TX	76102
531774	TARRANT COUNTY JUNIOR COLLEGE--NORTHWEST CAMP	FORT WORTH	TX	76106
533358	TARRANT COUNTY JUNIOR COLLEGE--SOUTH CAMPUS	FORT WORTH	TX	76102
400105	TAYLOR BUSINESS INST	BRIDGEVIEW	NJ	08807
232450	TAYLOR BUSINESS INSTITUTE	CHICAGO	IL	60601
401555	TAYLOR BUSINESS INSTITUTE	PARAMUS	NJ	07652
420671	TAYLOR BUSINESS INSTITUTE	HEMPSTEAD	NY	11550
004825	TAYLOR BUSINESS INSTITUTE	NEW YORK	NY	10019
001838	TAYLOR UNIVERSITY	UPLA	IN	46989
003627	TEMPLE JUNIOR COLLEGE	TEMP	TX	76501
003371	TEMPLE UNIVERSITY	PHILADELPHIA	PA	19122
008821	TENNESSEE ALL CAM,U OF	KNOX	TN	37916
003531	TENNESSEE AT MARTIN,U OF	MAR	TN	38238
008051	TENNESSEE CEN OFF,U OF	KNOX	TN	37916
003529	TENNESSEE CHATTANOOGA, U OF	CHATTANOOGA	TN	37402

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006725	TENNESSEE CTR HEALTH SCI, U OF	MEMPHIS	TN	38163
007439	TENNESSEE INST ELECS	KNOXVILLE	TN	37917
003530	TENNESSEE KNOXVILLE, U OF	KNOXVILLE	TN	37916
520206	TENNESSEE SCH PRACTICAL NURSING	MARYVILLE	TN	37801
003522	TENNESSEE ST UNIVERSITY	NASHVILLE	TN	37203
003523	TENNESSEE TECHNOLOGICAL U	COOKEVILLE	TN	38501
003524	TENNESSEE TEMPLE U	CHATTANOOGA	TN	37404
008278	TERRA TECHNICAL COLLEGE	FREMONT	OH	43420
400179	TETERBORO SCHOOL OF AERONAUTICS	TETERBORO	NJ	07608
539008	TEXAS A & M UNIVERSITY--EXTENSION	COLLEGE STATION	TX	77843
003639	TEXAS A&I UNIVERSITY	KINGSVILLE	TX	78363
010366	TEXAS A&M U MAIN CAMPUS	COLLEGE STA	TX	77843
003629	TEXAS A&M U SYSTEM OFFICE	COLLEGE STA	TX	77843
003656	TEXAS AT ARLINGTON, U OF	ARLINGTON	TX	76019
003658	TEXAS AT AUSTIN, U OF	AUSTIN	TX	78712
009741	TEXAS AT DALLAS, U OF	RICHARDSON	TX	75080
003661	TEXAS AT EL PASO, U OF	EL PASO	TX	79968
029164	TEXAS AT TYLER, U OF	TYLER	TX	75701
003635	TEXAS CHIROPRACTIC C	PASADENA	TX	77505
003636	TEXAS CHRISTIAN U	FORT WORTH	TX	76129
003638	TEXAS COLLEGE	TYLER	TX	75702
011618	TEXAS HEALTH SCI CEN HOUSTON, U	HOUSTON	TX	77025
003659	TEXAS HEALTH SCI CEN SAN ANTONIO, U	SAN ANTONIO	TX	78284
003641	TEXAS LUTHERAN COLLEGE	SEGUIN	TX	78155
004952	TEXAS MED BRANCH GALVESTON, U	GALVESTON	TX	77550
009930	TEXAS PERMIAN BASIN, U OF	ODESSA	TX	79762
010115	TEXAS SAN ANTONIO, U OF	SAN ANTONIO	TX	78285
003642	TEXAS SOUTHERN UNIVERSITY	HOUSTON	TX	77004
003643	TEXAS SOUTHMOST COLLEGE	BROWNSVILLE	TX	78520
536115	TEXAS SOUTHMOST COLLEGE	BROWNSVILLE	TX	78520
009933	TEXAS ST TECH AMARILLO	AMARILLO	TX	79111
009225	TEXAS ST TECH HARLINGEN	HARLINGEN	TX	78551
009642	TEXAS ST TECH INST CEN OFF	WACO	TX	76705
003634	TEXAS ST TECH INST WACO	WACO	TX	76705
009932	TEXAS ST TECH SWEETWATER	SWEETWATER	TX	79556
003655	TEXAS SYSTEM OFFICE, U OF	AUSTIN	TX	78701
003644	TEXAS TECH UNIVERSITY	LUBBOCK	TX	79409
003645	TEXAS WESLEYAN COLLEGE	FORT WORTH	TX	76105
003646	TEXAS WOMAN'S UNIVERSITY	DENTON	TX	76204
003376	THIEL COLLEGE	GREENVILLE	PA	16125
002052	THOMAS COLLEGE	WATERVILLE	ME	04901
006871	THOMAS NELSN CMTY COLLEGE	HAMPTON	VA	23670
001769	THORNTON CMTY COLLEGE	SOUTH HOLLAND	IL	60473
003712	TIDEWATER CMTY COLLEGE	PORTSMOUTH	VA	23703
003121	TIFFIN UNIVERSITY	TIFFIN	OH	44883
001595	TIFT COLLEGE	FORSYTH	GA	31029
003131	TOLEDO, UNIVERSITY OF	TOLEDO	OH	43606
230193	TOM NOLEN'S CHRYSLER ACADEMY	DECATUR	IL	62523
002439	TOUGALOO COLLEGE	TOUGALOO	MS	39174
010142	TOURO COLLEGE	NEW YORK	NY	10036
002099	TOWSON STATE UNIVERSITY	BALTIMORE	MD	21204
003221	TREASURE VLY CMTY COLLEGE	ONTARIO	OR	97914

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109056	TRENHOLM STATE TECHNICAL COLLEGE	MONTGOMERY	AL	36108
002642	TRENTON STATE COLLEGE	TRENTON	NJ	08625
003526	TREVECCA NAZARENE COLLEGE	NASHVILLE	TN	37210
480993	TRI-CITY BARBER SCHOOL	PHILADELPHIA	PA	19141
009430	TRI-COUNTY COMMUNITY C	MURPHY	NC	28906
004926	TRI-COUNTY TECH COLLEGE	PENDLETON	SC	29670
001839	TRI-STATE UNIVERSITY	ANGOLA	IN	46703
001368	TRINIDAD STATE JR COLLEGE	TRINIDAD	CO	81082
001771	TRINITY CHRISTIAN COLLEGE	PALOS HEIGHTS	IL	60463
001414	TRINITY COLLEGE	HARTFORD	CT	06106
001460	TRINITY COLLEGE	WASHINGTON	DC	20017
001772	TRINITY COLLEGE	DEERFIELD	IL	60015
003695	TRINITY COLLEGE	BURLINGTON	VT	05401
003647	TRINITY UNIVERSITY	SAN ANTONIO	TX	78284
001773	TRITON COLLEGE	RIVER GROVE	IL	60171
001047	TROY STATE U MAIN CAMPUS	TROY	AL	36081
001597	TRUETT MCCONNELL COLLEGE	CLEVELAND	GA	30528
451622	TRUMBULL MEM HOSP SCH OF ANESTHESIOLOGY	WARREN	OH	44483
120063	TUCSON COLLEGE OF BUSINESS	TUCSON	AZ	85716
002219	TUFTS UNIVERSITY	MEDFORD	MA	02155
002029	TULANE U OF LOUISIANA	NEW ORLEANS	LA	70118
009763	TULSA JUNIOR COLLEGE	TULSA	OK	74119
003185	TULSA, UNIVERSITY OF	TULSA	OK	74104
009764	TUNXIS COMMUNITY COLLEGE	FARMINGTON	CT	06032
001050	TUSKEGEE INSTITUTE	TUSKEGEE INST	AL	36088
100165	TWENTIETH CENTURY COLLEGE	MOBILE	AL	36601
003648	TYLER JUNIOR COLLEGE	TYLER	TX	75701
002971	U NC GEN ADMIN CEN OFFICE	CHAPEL HILL	NC	27514
141707	UKIAH ADULT SCHOOL	UKIAH	CA	95482
002880	ULSTER CO CMTY COLLEGE	STONE RIDGE	NY	12484
003222	UMPQUA COMMUNITY COLLEGE	ROSEBURG	OR	97470
002643	UNION COLLEGE	CRANFORD	NJ	07016
002889	UNION COLLEGE	SCHENECTADY	NY	12308
006139	UNION COUNTY COLLEGE	CRANFORD	NJ	07016
401588	UNION TECHNICAL INSTITUTE	EATONTOWN	NJ	07751
003261	UNITED WESLEYAN COLLEGE	ALLENTOWN	PA	18103
003005	UNIV OF ND	GRAND FORKS	ND	58202
800035	UNIV. CATOLICA MADRE Y MAESTRA	DOMINICAN REPUB	RE	
800017	UNIV. NATIONAL OF HONDURAS	HONDURAS	RE	
126014	UNIVERSAL TECHNICAL INSTITUTE	PHOENIX	AZ	85017
800078	UNIVERSITE DE PARIS	FRANCE	RE	
001051	UNIVERSITY OF ALABAMA	UNIVERSITY	AL	35486
800023	UNIVERSITY OF MONTERREY	MEXICO	RE	
003385	URSINUS COLLEGE	COLLEGEVILLE	PA	19426
001369	US AIR FORCE ACADEMY	USAF ACADEMY	CO	80840
001415	US COAST GUARD ACADEMY	NEW LONDON	CT	06320
002893	US MILITARY ACADEMY	WEST POINT	NY	10996
002101	US NAVAL ACADEMY	ANNAPOLIS	MD	21402
003677	UTAH STATE UNIVERSITY	LOGAN	UT	84322
004027	UTAH TECH COLLEGE PROVO	PROVO	UT	84601
005220	UTAH TECH COLLEGE SALT LK	SALT LAKE CY	UT	84107
003675	UTAH, UNIVERSITY OF	SALT LAKE CY	UT	84112

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002883	UTICA C OF SYRACUSE U	UTICA	NY	13502
002445	UTICA JUNIOR COLLEGE	UTICA	MS	39175
209020	VALDOSTA AREA VOCATIONAL-TECHNICAL SCHOOL	VALDOSTA	GA	31601
001599	VALDOSTA STATE COLLEGE	VALDOSTA	GA	31698
006750	VALENCIA CMTY COLLEGE	ORLANDO	FL	32802
003008	VALLEY CITY STATE COLLEGE	VALLEY CITY	ND	58072
140375	VALLEY COMMERCIAL COLLEGE	MODESTO	CA	95354
003306	VALLEY FORGE CHRISTIAN C	PHOENIXVILLE	PA	19460
141216	VALLEY VOCATIONAL CENTER	LA PUENTE	CA	91744
001842	VALPARAISO UNIVERSITY	VALPARAISO	IN	46383
009903	VANCE-GRANVL CMTY COLLEGE	HENDERSON	NC	27536
003535	VANDERBILT UNIVERSITY	NASHVILLE	TN	37240
002895	VASSAR COLLEGE	POUGHKEEPSIE	NY	12601
006863	VENTURA CO CC SYS OFFICE	VENTURA	CA	93003
001334	VENTURA COLLEGE	VENTURA	CA	93003
003696	VERMONT ST AG C & U	BURLINGTON	VT	05405
003698	VERMONT TECHNICAL COLLEGE	RANDOLPH CTR	VT	05061
010060	VERNON REG JUNIOR COLLEGE	VERNON	TX	76384
001335	VICTOR VALLEY COLLEGE	VICTORVILLE	CA	92392
003662	VICTORIA COLLEGE	VICTORIA	TX	77901
002896	VILLA MARIA COLLEGE BFLO	BUFFALO	NY	14225
003388	VILLANOVA UNIVERSITY	VILLANOVA	PA	19085
001843	VINCENNES UNIVERSITY	VINCENNES	IN	47591
003745	VIRGINIA ALL CAM,U OF	CHARLOTTESVL	VA	22903
008058	VIRGINIA CEN OFFICE,U OF	CHARLOTTESVL	VA	22903
003735	VIRGINIA COMMONWEALTH U	RICHMOND	VA	23284
007099	VIRGINIA HIGHLANDS C C	ABINGDON	VA	24210
006968	VIRGINIA MAIN CAMPUS,U OF	CHARLOTTESVL	VA	22903
003753	VIRGINIA MILITARY INST	LEXINGTON	VA	24450
003754	VIRGINIA POLY INST AND ST U	BLACKSBURG	VA	24061
003764	VIRGINIA STATE UNIV	PETERSBURG	VA	23803
003766	VIRGINIA UNION UNIVERSITY	RICHMOND	VA	23220
003767	VIRGINIA WESLEYAN COLLEGE	NORFOLK	VA	23502
003760	VIRGINIA WESTERN C C	ROANOKE	VA	24015
029106	VISTA COLLEGE	BERKELEY	CA	94704
007468	VISUAL ARTS,SCHOOL OF	NEW YORK	NY	10010
410007	VO-TECH INSTITUTE	ALBUQUERQUE	NM	87192
450431	VOGUE BEAUTY ACADEMY	CLEVELAND	OH	44125
009912	VOLUNTEER ST CMTY COLLEGE	GALLATIN	TN	37066
461503	W P WILLIS SKILL CENTER	TAHLEQUAH	OK	74464
002899	WAGNER COLLEGE	STATEN ISLAND	NY	10301
002978	WAKE FOREST UNIVERSITY	WINSTON-SALEM	NC	27109
004844	WAKE TECHNICAL COLLEGE	RALEIGH	NC	27603
003799	WALLA WALLA COLLEGE	COLLEGE PLACE	WA	99324
007871	WALLACE ST CC-HNCV	HANCEVILLE	AL	35077
003135	WALSH COLLEGE	CANTON	OH	44720
002979	WARREN WILSON COLLEGE	SWANNANOA	NC	28778
001896	WARTBURG COLLEGE	WAVERLY	IA	50677
001949	WASHBURN U OF TOPEKA	TOPEKA	KS	66621
002108	WASHINGTON COLLEGE	CHESTERTOWN	MD	21620
181509	WASHINGTON HOSPITAL CENTER SCH OF X-RAY TECHN	WASHINGTON	DC	20010
481031	WASHINGTON HOSPITAL SCHOOL OF NURSING	WASHINGTON	PA	15301

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003389	WASHINGTON JEFF COLLEGE	WASHINGTON	PA	15301
180120	WASHINGTON SCHOOL FOR SECRETARIES	WASHINGTON	DC	20006
003800	WASHINGTON ST UNIVERSITY	PULLMAN	WA	99164
002520	WASHINGTON UNIVERSITY	SAINT LOUIS	MO	63130
003798	WASHINGTON, UNIVERSITY OF	SEATTLE	WA	98195
001423	WATERBURY ST TECH COLLEGE	WATERBURY	CT	06708
006931	WAUBONSEE CMTY COLLEGE	SUGAR GROVE	IL	60554
009258	WAUKESHA COUNTY TECH INST	PEWAUKEE	WI	53072
009230	WAYNE COUNTY CMTY COLLEGE	DETROIT	MI	48226
002566	WAYNE STATE COLLEGE	WAYNE	NE	68787
002329	WAYNE STATE UNIVERSITY	DETROIT	MI	48202
001540	WEBBER COLLEGE	BABSON PARK	FL	33827
003680	WEBER STATE COLLEGE	OGDEN	UT	84408
140311	WEBSTER CAREER COLLEGE	LOS ANGELES	CA	90012
002224	WELLESLEY COLLEGE	WELLESLEY	MA	02181
002901	WELLS COLLEGE	AURORA	NY	13026
001433	WESLEY COLLEGE	DOVER	DE	19901
011461	WESLEY COLLEGE	FLORENCE	MS	39073
001424	WESLEYAN UNIVERSITY	MIDDLETOWN	CT	06457
003328	WEST CHESTER ST COLLEGE	WEST CHESTER	PA	19380
001336	WEST COAST U MAIN CAMPUS	LOS ANGELES	CA	90020
003955	WEST FLORIDA, U OF	PENSACOLA	FL	32504
001601	WEST GEORGIA COLLEGE	CARROLLTON	GA	30118
001176	WEST HILLS COLLEGE	COALINGA	CA	93210
008596	WEST LOS ANGELES COLLEGE	CULVER CITY	CA	90230
003665	WEST TEXAS ST UNIVERSITY	CANYON	TX	79016
001338	WEST VALLEY COLLEGE	SARATOGA	CA	95070
580059	WEST VIRGINIA CAREER COLLEGE	MORGANTOWN	WV	26505
003825	WEST VIRGINIA INST TECH	MONTGOMERY	WV	25136
003826	WEST VIRGINIA ST C	INSTITUTE	WV	25112
003827	WEST VIRGINIA UNIVERSITY	MORGANTOWN	WV	26506
003830	WEST VIRGINIA WESLEYAN C	BUCKHANNON	WV	26201
281523	WESTBANK BUSINESS COLLEGE	MARRERO	LA	70072
420734	WESTCHESTER BUSINESS INSTITUTE	WHITE PLAINS	NY	10606
002881	WESTCHESTER CMTY COLLEGE	VALHALLA	NY	10595
002981	WESTERN CAROLINA U	CULLOWHEE	NC	28723
143276	WESTERN COLLEGE OF ALLIED HEALTH CAREERS	SACRAMENTO	CA	95821
001380	WESTERN CONN ST COLLEGE	DANBURY	CT	06810
001780	WESTERN ILL UNIVERSITY	MACOMB	IL	61455
007316	WESTERN IOWA TECH	SIOUX CITY	IA	51102
002002	WESTERN KY UNIVERSITY	BOWLING GREEN	KY	42101
002330	WESTERN MICH UNIVERSITY	KALAMAZOO	MI	49008
002537	WESTERN MONTANA COLLEGE	DILLON	MT	59725
002226	WESTERN NEW ENG COLLEGE	SPRINGFIELD	MA	01119
002664	WESTERN NM UNIVERSITY	SILVER CITY	NM	88061
003209	WESTERN OREGON ST C	MONMOUTH	OR	97361
002982	WESTERN PIEDMONT CC	MORGANTON	NC	28655
001372	WESTERN ST COLLEGE COLO	GUNNISON	CO	81230
009549	WESTERN TEXAS COLLEGE	SNYDER	TX	79549
003802	WESTERN WASH UNIVERSITY	BELLINGHAM	WA	98225
003840	WESTERN WIS TECH INST	LA CROSSE	WI	54601
001899	WESTMAR COLLEGE	LE MARS	IA	51031



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002646	WESTMINSTER CHOIR COLLEGE	PRINCETON	NJ	08540
003392	WESTMINSTER COLLEGE	NEW WILMINGTON	PA	16142
001341	WESTMONT COLLEGE	SANTA BARBARA	CA	93108
010176	WESTMORELAND COUNTY CC	YOUNGWOOD	PA	15697
010364	WHATCOM CNTY COLLEGE	BELLINGHAM	WA	98225
001781	WHEATON COLLEGE	WHEATON	IL	60187
002227	WHEATON COLLEGE	NORTON	MA	02766
003831	WHEELING COLLEGE	WHEELING	WV	26003
003803	WHITMAN COLLEGE	WALLA WALLA	WA	99362
169011	WHITNEY REGIONAL VOCATIONAL-TECHNICAL SCHOOL	HAMDEN	CT	06514
001342	WHITTIER COLLEGE	WHITTIER	CA	90608
260089	WICHITA BUSINESS COLLEGE	GLENDALE	KS	85302
531593	WICHITA FALLS SCHOOL OF VOCATIONAL NURSING	WICHITA FALLS	TX	76301
003313	WIDENER C OF WIDENER U	CHESTER	PA	19013
003141	WILBERFORCE UNIVERSITY	WILBERFORCE	OH	45384
400140	WILFRED ACADEMY OF HAIR & BEAUTY CULTURE	RED BANK	NJ	07701
421763	WILFRED ACADEMY OF HAIR & BEAUTY CULTURE	NEW YORK	NY	10016
481052	WILFRED ACADEMY OF HAIR & BEAUTY CULTURE	PHILADELPHIA	PA	19103
003394	WILKES COLLEGE	WILKES-BARRE	PA	18766
002983	WILKES COMMUNITY COLLEGE	WILKESBORO	NC	28697
003227	WILLAMETTE UNIVERSITY	SALEM	OR	97301
008055	WILLIAM & MARY CEN OFF,C	WILLIAMSBURG	VA	23185
003705	WILLIAM AND MARY, C OF	WILLIAMSBURG	VA	23185
002524	WILLIAM JEWELL COLLEGE	LIBERTY	MO	64068
002625	WILLIAM PATERSON COLLEGE	WAYNE	NJ	07470
001900	WILLIAM PENN COLLEGE	OSKALOOSA	IA	52577
002252	WILLIAM TYNDALE COLLEGE	FARMINGTN HLS	MI	48018
002525	WILLIAM WOODS COLLEGE	FULTON	MO	65251
002229	WILLIAMS COLLEGE	WILLIAMSTOWN	MA	01267
009322	WILLIAMSBURG TECH C	KINGSTREE	SC	29556
509012	WILLIAMSBURG TECHNICAL COLLEGE	KINGSTREE	SC	29556
003395	WILLIAMSPORT AREA CC	WILLIAMSPORT	PA	17701
481060	WILMA BOYD CAREER SCHOOL	PITTSBURGH	PA	15219
003142	WILMINGTON COLLEGE	WILMINGTON	OH	45177
003396	WILSON COLLEGE	CHAMBERSBURG	PA	17201
141229	WINANS HAIR ACADEMY	WATSONVILLE	CA	95076
002985	WINGATE COLLEGE	WINGATE	NC	28174
002394	WINONA STATE UNIVERSITY	WINONA	MN	55987
002986	WINSTON-SALEM STATE U	WINSTON-SALEM	NC	27102
003456	WINTHROP COLLEGE	ROCK HILL	SC	29733
003913	WISCONSIN CONSV OF MUSIC	MILWAUKEE	WI	53202
003897	WISCONSIN CTR SYS,U OF	MADISON	WI	53706
003917	WISCONSIN EAU CLAIRE,U OF	EAU CLAIRE	WI	54701
003899	WISCONSIN GREEN BAY,U OF	GREEN BAY	WI	54302
599002	WISCONSIN INDIANHEAD TECHNICAL INSTITUTE	ASHLAND	WI	54806
003919	WISCONSIN LA CROSSE,U OF	LA CROSSE	WI	54601
003895	WISCONSIN MADISON,U OF	MADISON	WI	53706
003896	WISCONSIN MILWAUKEE,U OF	MILWAUKEE	WI	53201
009630	WISCONSIN OSHKOSH,U OF	OSHKOSH	WI	54901
005015	WISCONSIN PARKSIDE,U OF	KENOSHA	WI	53141
003921	WISCONSIN PLATTEVL,U OF	PLATTEVILLE	WI	53818
0C3923	WISCONSIN RIVER FALLS, U OF	RIVER FALLS	WI	54022



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009621	WISCONSIN SCHOOL ELECS	MADISON	WI	53704
003924	WISCONSIN STEVENS POINT, U OF	STEVENS POINT	WI	54481
003915	WISCONSIN STOUT, U OF	MENOMONIE	WI	54751
003925	WISCONSIN SUPERIOR, U OF	SUPERIOR	WI	54880
003894	WISCONSIN SYS OFFICE, U OF	MADISON	WI	53706
029232	WISCONSIN VOC TECH AD ED DIST	SHELL LAKE	WI	54871
003926	WISCONSIN WHITEWATER, U OF	WHITEWATER	WI	53190
003143	WITTENBERG UNIVERSITY	SPRINGFIELD	OH	45501
003457	WOFFORD COLLEGE	SPARTANBURG	SC	29301
002448	WOOD JUNIOR COLLEGE	MATHISTON	MS	39752
001343	WOODBURY UNIVERSITY	LOS ANGELES	CA	90017
149504	WOODRUFF REGIONAL OCCUPATIONAL CENTER	STOCKTON	CA	95203
003037	WOOSTER, COLLEGE OF	WOOSTER	OH	44691
029053	WOR-WIC TECH CMTY COLLEGE	SALISBURY	MD	21801
002233	WORCESTER POLY INSTITUTE	WORCESTER	MA	01609
002190	WORCESTER STATE COLLEGE	WORCESTER	MA	01602
009168	WRIGHT ST U	DAYTON	OH	45435
009167	WRIGHT ST U ALL CAMPUSES	DAYTON	OH	45435
003932	WYOMING, UNIVERSITY OF	LARAMIE	WY	82071
003144	XAVIER UNIVERSITY	CINCINNATI	OH	45207
002032	XAVIER UNIVERSITY OF LA	NEW ORLEANS	LA	70125
003805	YAKIMA VALLEY CC	YAKIMA	WA	98902
001426	YALE UNIVERSITY	NEW HAVEN	CT	06520
029151	YESHIVA U OF LOS ANGELES	LOS ANGELES	CA	90035
002903	YESHIVA UNIVERSITY	NEW YORK	NY	10033
002567	YORK COLLEGE	YORK	NE	68467
003399	YORK COLLEGE PENNSYLVANIA	YORK	PA	17405
003996	YORK TECHNICAL COLLEGE	ROCK HILL	SC	29730
450684	YOUNGSTOWN COLLEGE OF BUSINESS & PROF DRAFTIN	YOUNGSTOWN	OH	44501
003145	YOUNGSTOWN ST UNIVERSITY	YOUNGSTOWN	OH	44555
001344	YUBA COLLEGE	MARYSVILLE	CA	95901

**APPENDIX D: Course Subject Codes in Numerical Order**

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## AGRIBUSINESS AND AGRICULTURAL PRODUCTION

CIP CODE COURSE TITLE  
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## AGRICULTURAL BUSINESS AND MANAGEMENT

010101 AGRICULTURAL BUSINESS AND MANAGEMENT, GENERAL  
 010102 AGRICULTURAL BUSINESS  
 010103 AGRICULTURAL ECONOMICS  
 010104 FARM AND RANCH MANAGEMENT  
 010199 AGRICULTURAL BUSINESS AND MANAGEMENT, OTHER

## AGRICULTURAL MECHANICS

010201 AGRICULTURAL MECHANICS, GENERAL  
 010202 AGRICULTURAL ELECTRIFICATION, POWER, AND CONTROLS  
 010203 AGRICULTURAL MECHANICS, CONSTRUCTION, AND MAINTENANCE SKILLS  
 010204 AGRICULTURAL POWER MACHINERY  
 010205 AGRICULTURAL STRUCTURES, EQUIPMENT, AND FACILITIES  
 010206 SOIL AND WATER MECHANICAL PRACTICES  
 010299 AGRICULTURAL MECHANICS, OTHER

## AGRICULTURAL PRODUCTION

010301 AGRICULTURAL PRODUCTION, GENERAL  
 010302 ANIMAL PRODUCTION  
 010303 AQUACULTURE  
 010304 CROP PRODUCTION  
 010305 GAME FARM MANAGEMENT  
 010399 AGRICULTURAL PRODUCTION, OTHER

## AGRICULTURAL PRODUCTS AND PROCESSING

010401 AGRICULTURAL PRODUCTS AND PROCESSING, GENERAL  
 010402 FOOD PRODUCTS  
 010403 NONFOOD PRODUCTS  
 010499 AGRICULTURAL PRODUCTS AND PROCESSING, OTHER

## AGRICULTURAL SERVICES AND SUPPLIES

010501 AGRICULTURAL SERVICES AND SUPPLIES, GENERAL  
 010502 AGRICULTURAL SERVICES  
 010503 AGRICULTURAL SUPPLIES MARKETING  
 010504 ANIMAL GROOMING  
 010505 ANIMAL TRAINING  
 010506 HORSESHOEING  
 010599 AGRICULTURAL SERVICES AND SUPPLIES, OTHER

## HORTICULTURE

010601 HORTICULTURE, GENERAL  
 010602 ARBORICULTURE  
 010603 FLORICULTURE  
 010604 GREENHOUSE OPERATION AND MANAGEMENT  
 010605 LANDSCAPING  
 010606 NURSERY OPERATION AND MANAGEMENT  
 010607 TURF MANAGEMENT  
 010699 HORTICULTURE, OTHER

## INTERNATIONAL AGRICULTURE

010701 INTERNATIONAL AGRICULTURE

## AGRIBUSINESS AND AGRICULTURAL PRODUCTION, OTHER

019999 AGRIBUSINESS AND AGRICULTURAL PRODUCTION, OTHER

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## AGRICULTURAL SCIENCES

CIP CODE    COURSE TITLE  
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## AGRICULTURAL SCIENCES, GENERAL

020101 AGRICULTURAL SCIENCES, GENERAL

## ANIMAL SCIENCES

020201 ANIMAL SCIENCES, GENERAL

020202 ANIMAL BREEDING AND GENETICS

020203 ANIMAL HEALTH  
020204 ANIMAL NUTRITION  
020205 ANIMAL PHYSIOLOGY  
020206 DAIRY  
020207 FISHERIES SCIENCE  
020208 LIVESTOCK  
020209 POULTRY  
020299 ANIMAL SCIENCES, OTHER  
FOOD SCIENCES  
020301 FOOD SCIENCES, GENERAL  
020302 DAIRY PROCESSING  
020303 FOOD DISTRIBUTION  
020304 FOOD ENGINEERING  
020305 FOOD PACKAGING  
020306 FOOD TECHNOLOGY  
020399 FOOD SCIENCES, OTHER  
PLANT SCIENCES  
020401 PLANT SCIENCES, GENERAL  
020402 AGRONOMY  
020403 HORTICULTURE SCIENCE  
020404 ORNAMENTAL HORTICULTURE  
020405 PLANT BREEDING AND GENETICS  
020406 PLANT PATHOLOGY (APPLIED)  
020407 PLANT PHYSIOLOGY  
020408 PLANT PROTECTION (PEST MANAGEMENT)  
020409 RANGE MANAGEMENT  
020410 TURF MANAGEMENT SCIENCE  
020499 PLANT SCIENCES, OTHER

## SOIL SCIENCES

020501 SOIL SCIENCES, GENERAL  
 020502 SOIL CHEMISTRY  
 020503 SOIL CONSERVATION  
 020504 SOIL MANAGEMENT AND FERTILITY  
 020505 SOIL MICROBIOLOGY  
 020506 SOIL PHYSICS  
 020599 SOIL SCIENCES, OTHER

## AGRICULTURAL SCIENCES, OTHER

029999 AGRICULTURAL SCIENCES, OTHER

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## RENEWABLE NATURAL RESOURCES

CIP CODE COURSE TITLE  
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## RENEWABLE NATURAL RESOURCES, GENERAL

030101 RENEWABLE NATURAL RESOURCES, GENERAL

## CONSERVATION AND REGULATION

030201 CONSERVATION AND REGULATION, GENERAL

030202 CONSERVATION

030203 RESOURCES PROTECTION AND REGULATION

030299 CONSERVATION AND REGULATION, OTHER

## FISHING AND FISHERIES

030301 FISHING AND FISHERIES, GENERAL

..... COMMERCIAL FISHING OPERATION (SEE 490303)

030302 FISHERIES

030399 FISHING AND FISHERIES, OTHER

## FORESTRY PRODUCTION AND PROCESSING

030401 FORESTRY PRODUCTION AND PROCESSING, GENERAL

030402 FOREST PRODUCTION

030403 FOREST PRODUCTS UTILIZATION

030404 FOREST PRODUCTS PROCESSING TECHNOLOGY  
 030405 LOGGING  
 030406 PULP AND PAPER PRODUCTION  
 030499 FORESTRY PRODUCTION AND PROCESSING, OTHER

FORESTRY AND RELATED SCIENCES

030501 FORESTRY AND RELATED SCIENCES, GENERAL  
 030502 FORESTRY SCIENCE  
 030503 FOREST BIOLOGY  
 030504 FOREST ENGINEERING  
 030505 FOREST HYDROLOGY  
 030506 FOREST MANAGEMENT  
 030507 FOREST MENSURATION  
 030508 URBAN FORESTRY  
 030509 WOOD SCIENCE  
 030599 FORESTRY AND RELATED SCIENCES, OTHER

WILDLIFE MANAGEMENT

030601 WILDLIFE MANAGEMENT

RENEWABLE NATURAL RESOURCES, OTHER

039999 RENEWABLE NATURAL RESOURCES, OTHER

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ARCHITECTURE AND ENVIRONMENTAL DESIGN

CIP CODE    COURSE TITLE

ARCHITECTURE AND ENVIRONMENTAL DESIGN, GENERAL  
 040101 ARCHITECTURE AND ENVIRONMENTAL DESIGN, GENERAL  
           ARCHITECTURE  
 040201 ARCHITECTURE  
           CITY, COMMUNITY, AND REGIONAL PLANNING  
 040301 CITY, COMMUNITY, AND REGIONAL PLANNING



## ENVIRONMENTAL DESIGN

040401 ENVIRONMENTAL DESIGN

## INTERIOR DESIGN

040501 INTERIOR DESIGN

## LANDSCAPE ARCHITECTURE

040601 LANDSCAPE ARCHITECTURE

## URBAN DESIGN

040701 URBAN DESIGN

## ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER

049999 ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER

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## AREA AND ETHNIC STUDIES

CIP CODE	COURSE TITLE
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## AREA STUDIES

050101 AFRICAN STUDIES

050102 AMERICAN STUDIES

050103 ASIAN STUDIES, GENERAL

050104 EAST ASIAN STUDIES

050105 EASTERN EUROPEAN STUDIES

050106 EUROPEAN STUDIES, GENERAL

050107 LATIN AMERICAN STUDIES

050108 MIDDLE EASTERN STUDIES

050109 PACIFIC AREA STUDIES

050110 RUSSIAN AND SLAVIC STUDIES

050111 SCANDINAVIAN STUDIES

050112 SOUTH ASIAN STUDIES

050113 SOUTHEAST ASIAN STUDIES

050114 WESTERN EUROPEAN STUDIES

050199 AREA STUDIES, OTHER

## ETHNIC STUDIES

050201 AFRO-AMERICAN (BLACK) STUDIES  
 050202 AMERICAN INDIAN STUDIES  
 050203 HISPANIC-AMERICAN STUDIES  
 050204 ISLAMIC STUDIES  
 050205 JEWISH STUDIES  
 050299 ETHNIC STUDIES,OTHER

## AREA AND ETHNIC STUDIES,OTHER

059999 AREA AND ETHNIC STUDIES,OTHER

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## BUSINESS AND MANAGEMENT

CIP CODE COURSE TITLE  
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## BUSINESS AND MANAGEMENT,GENERAL

060101 BUSINESS AND MANAGEMENT,GENERAL

## ACCOUNTING

060201 ACCOUNTING

## BANKING AND FINANCE

060301 BANKING AND FINANCE

## BUSINESS ADMINISTRATION AND MANAGEMENT

060401 BUSINESS ADMINISTRATION AND MANAGEMENT,GENERAL

060402 CONTRACT MANAGEMENT AND PROCUREMENT/PURCHASING

060403 PRODUCT MANAGEMENT

060404 SYSTEMS EFFICIENCY ANALYSIS

060499 BUSINESS ADMINISTRATION AND MANAGEMENT,OTHER

## BUSINESS ECONOMICS

060501 BUSINESS ECONOMICS

## HUMAN RESOURCES DEVELOPMENT

060601 HUMAN RESOURCES DEVELOPMENT

## INSTITUTIONAL MANAGEMENT

060701 HOTEL/MOTEL MANAGEMENT  
 060702 RECREATIONAL ENTERPRISES MANAGEMENT  
 060703 RESORT MANAGEMENT  
 060704 RESTAURANT MANAGEMENT  
 060705 TRANSPORTATION MANAGEMENT  
 060799 INSTITUTIONAL MANAGEMENT, OTHER

## INSURANCE AND RISK MANAGEMENT

060801 INSURANCE AND RISK MANAGEMENT

## INTERNATIONAL BUSINESS MANAGEMENT

060901 INTERNATIONAL BUSINESS MANAGEMENT

## INVESTMENTS AND SECURITIES

061001 INVESTMENTS AND SECURITIES

## LABOR/INDUSTRIAL RELATIONS

061101 LABOR/INDUSTRIAL RELATIONS

## MANAGEMENT INFORMATION SYSTEMS

061201 MANAGEMENT INFORMATION SYSTEMS

## MANAGEMENT SCIENCE

061301 BUSINESS STATISTICS  
 061302 OPERATIONS RESEARCH (QUANTITATIVE METHODS)  
 061399 MANAGEMENT SCIENCE, OTHER

## MARKETING MANAGEMENT AND RESEARCH

061401 MARKETING MANAGEMENT  
 061402 MARKETING RESEARCH  
 061499 MARKETING MANAGEMENT AND RESEARCH, OTHER

## ORGANIZATIONAL BEHAVIOR

061501 ORGANIZATIONAL BEHAVIOR

## PERSONNEL MANAGEMENT

061601 PERSONNEL MANAGEMENT

## REAL ESTATE

061701 REAL ESTATE, GENERAL

061702 COMMERCIAL PROPERTY

061703 PROPERTY MANAGEMENT

061704 REAL ESTATE APPRAISAL

061705 REAL ESTATE FINANCE

061706 REAL ESTATE LAW

061707 RESIDENTIAL PROPERTY

061799 REAL ESTATE, OTHER

## SMALL BUSINESS MANAGEMENT AND OWNERSHIP

061801 SMALL BUSINESS MANAGEMENT

061802 SMALL BUSINESS OWNERSHIP

061899 SMALL BUSINESS MANAGEMENT AND OWNERSHIP, OTHER

## TAXATION

061901 TAXATION

## TRADE AND INDUSTRIAL SUPERVISION AND MANAGEMENT

062001 TRADE AND INDUSTRIAL SUPERVISION AND MANAGEMENT

## BUSINESS AND MANAGEMENT, OTHER

069999 BUSINESS AND MANAGEMENT, OTHER

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## BUSINESS AND OFFICE

<b>CIP CODE</b>	<b>COURSE TITLE</b>
<b>-----</b>	<b>-----</b>

## ACCOUNTING, BOOKKEEPING, AND RELATED PROGRAMS

070101 ACCOUNTING, BOOKKEEPING, AND RELATED PROGRAMS, GENERAL

070102 ACCOUNTING AND COMPUTING

070103 BOOKKEEPING

070104 MACHINE BILLING, BOOKKEEPING, AND COMPUTING

070199 ACCOUNTING, BOOKKEEPING, AND RELATED PROGRAMS, OTHER  
           BANKING AND RELATED FINANCIAL PROGRAMS

070201 BANKING AND RELATED FINANCIAL PROGRAMS, GENERAL

070202 CREDIT COLLECTION CLERK

070203 INSURANCE CLERK

070204 LOAN CLERK

070205 TELLER

070206 TRANSIT CLERK

070299 BANKING AND RELATED FINANCIAL PROGRAMS, OTHER  
           BUSINESS DATA PROCESSING AND RELATED PROGRAMS

070301 BUSINESS DATA PROCESSING AND RELATED PROGRAMS, GENERAL

070302 BUSINESS COMPUTER AND CONSOLE OPERATION

070303 BUSINESS DATA ENTRY EQUIPMENT OPERATION

070304 BUSINESS DATA PERIPHERAL EQUIPMENT OPERATION

070305 BUSINESS DATA PROGRAMMING

070306 BUSINESS SYSTEMS ANALYSIS

070399 BUSINESS DATA PROCESSING AND RELATED PROGRAMS, OTHER  
           OFFICE SUPERVISION AND MANAGEMENT

070401 OFFICE SUPERVISION AND MANAGEMENT  
           PERSONNEL AND TRAINING PROGRAMS

070501 PERSONNEL AND TRAINING PROGRAMS, GENERAL

070502 EDUCATIONAL ASSISTING AND TRAINING

070503 PERSONNEL ASSISTING

070599 PERSONNEL AND TRAINING PROGRAMS, OTHER  
           SECRETARIAL AND RELATED PROGRAMS

070601 SECRETARIAL AND RELATED PROGRAMS, GENERAL

070602 COURT REPORTING

070603 EXECUTIVE SECRETARIAL

070604 LEGAL SECRETARIAL

070605 MEDICAL SECRETARIAL  
 070606 SECRETARIAL  
 070607 STENOGRAPHIC  
 070608 WORD PROCESSING  
 070699 SECRETARIAL AND RELATED PROGRAMS, OTHER  
           TYPING, GENERAL OFFICE, AND RELATED PROGRAMS  
 070701 TYPING, GENERAL OFFICE, AND RELATED PROGRAMS, GENERAL  
 070702 CLERK-TYPIST  
 070703 CORRESPONDENCE CLERK  
 070704 DUPLICATING MACHINE OPERATION  
 070705 GENERAL OFFICE CLERK  
 070706 MAIL AND ORDER CLERK  
 070707 RECEPTIONIST AND COMMUNICATION SYSTEMS OPERATION  
 070708 SHIPPING, RECEIVING, AND STOCK CLERK  
 070709 TRAFFIC, RATE, AND TRANSPORTATION CLERK  
 070710 TYPING  
 070799 TYPING, GENERAL OFFICE, AND RELATED PROGRAMS, OTHER  
           BUSINESS AND OFFICE, OTHER  
 079999 BUSINESS AND OFFICE, OTHER

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#### MARKETING AND DISTRIBUTION

CIP CODE    COURSE TITLE  
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#### APPAREL AND ACCESSORIES MARKETING

080101 APPAREL AND ACCESSORIES MARKETING, GENERAL  
 080102 FASHION MERCHANDISING  
 080103 FASHION MODELING  
 080104 FOOTWEAR MARKETING  
 080105 JEWELRY MARKETING  
 080199 APPAREL AND ACCESSORIES MARKETING, OTHER

# **BUSINESS AND PERSONAL SERVICES MARKETING**

080201 BUSINESS AND PERSONAL SERVICES MARKETING, GENERAL  
 ..... ADVERTISING (SEE 090201)

080202 DISPLAY

080203 MARKETING OF BUSINESS OR PERSONAL SERVICES

080299 BUSINESS AND PERSONAL SERVICES MARKETING, OTHER

## **ENTREPRENEURSHIP**

080301 ENTREPRENEURSHIP, GENERAL

..... SMALL BUSINESS MANAGEMENT (SEE 061801)

..... SMALL BUSINESS OWNERSHIP (SEE 061802)

## **FINANCIAL SERVICES MARKETING**

080401 FINANCIAL SERVICES MARKETING, GENERAL

080402 BANKING MARKETING

080403 CREDIT MARKETING

080404 CREDIT UNION MARKETING

080405 SAVINGS AND LOAN MARKETING

080406 SECURITIES AND COMMODITIES MARKETING

080499 FINANCIAL SERVICES MARKETING, OTHER

## **FLORISTRY, FARM AND GARDEN SUPPLIES MARKETING**

080501 FLORISTRY, FARM AND GARDEN SUPPLIES MARKETING, GENERAL

080502 FARM AND GARDEN SUPPLIES MARKETING

080503 FLORISTRY

080599 FLORISTRY, FARM AND GARDEN SUPPLIES MARKETING, OTHER

## **FOOD MARKETING**

080601 FOOD MARKETING, GENERAL

080602 CONVENIENCE STORE MARKETING

080603 SPECIALTY FOODS MARKETING

080604 SUPERMARKET MARKETING

080605 WHOLESALE FOOD MARKETING



080699 FOOD MARKETING, OTHER  
                     GENERAL MARKETING

080701 AUCTIONEERING

080702 INDUSTRIAL SALES

080703 INTERNATIONAL MARKETING

..... MARKETING MANAGEMENT (SEE 061401)

..... MARKETING RESEARCH (SEE 061402)

080704 PURCHASING

080705 RETAILING

080706 SALES

080707 WHOLESALING

080799 GENERAL MARKETING, OTHER  
                     HOME AND OFFICE PRODUCTS MARKETING

080801 HOME AND OFFICE PRODUCTS MARKETING, GENERAL

080802 APPLIANCE MARKETING

080803 BUILDING MATERIALS MARKETING

080804 FLOOR COVERINGS, DRAPERIES, AND UPHOLSTERY MARKETING

080805 FURNITURE MARKETING

080806 HARDWARE MARKETING

080807 OFFICE PRODUCTS AND EQUIPMENT MARKETING

080808 SPECIALTY HOME FURNISHINGS MARKETING

080899 HOME AND OFFICE PRODUCTS MARKETING, OTHER  
                     HOSPITALITY AND RECREATION MARKETING

080901 HOSPITALITY AND RECREATION MARKETING, GENERAL

..... HOTEL/MOTEL MANAGEMENT (SEE 060701)

080902 MARKETING OF HOTEL/MOTEL SERVICES

080903 MARKETING OF RECREATIONAL SERVICES

..... RECREATIONAL ENTERPRISES MANAGEMENT (SEE 060702)

080904 RECREATIONAL PRODUCTS MARKETING

..... RESORT MANAGEMENT (SEE 060703)  
 ..... RESTAURANT MANAGEMENT (SEE 060704)  
 080905 WAITER/WAITRESS AND RELATED SERVICES  
 080999 HOSPITALITY AND RECREATION MARKETING, OTHER  
           INSURANCE MARKETING  
 081001 INSURANCE MARKETING, GENERAL  
 081002 ACCIDENT AND HEALTH INSURANCE MARKETING  
 081003 LIFE INSURANCE MARKETING  
 081004 PROPERTY AND CASUALTY INSURANCE MARKETING  
 081099 INSURANCE MARKETING, OTHER  
           REAL ESTATE  
 ..... REAL ESTATE, GENERAL (SEE 061701)  
 ..... COMMERCIAL PROPERTY (SEE 061702)  
 ..... PROPERTY MANAGEMENT (SEE 061703)  
 ..... REAL ESTATE APPRAISAL (SEE 061704)  
 ..... REAL ESTATE FINANCE (SEE 061705)  
 ..... REAL ESTATE LAW (SEE 061706)  
 ..... RESIDENTIAL PROPERTY (SEE 061707)  
 ..... REAL ESTATE, OTHER (SEE 061799)  
           TRANSPORTATION AND TRAVEL MARKETING  
 081101 TRANSPORTATION AND TRAVEL MARKETING, GENERAL  
 081102 FREIGHT TRANSPORTATION MARKETING  
 081103 PASSENGER TRANSPORTATION MARKETING  
 081104 TOURISM  
 ..... TRANSPORTATION MANAGEMENT (SEE 060705)  
 081105 TRAVEL SERVICES MARKETING  
 061106 WAREHOUSE SERVICES MARKETING  
 081199 TRANSPORTATION AND TRAVEL MARKETING, OTHER

## VEHICLES AND PETROLEUM MARKETING

081201 VEHICLES AND PETROLEUM MARKETING, GENERAL  
 081202 AGRICULTURAL IMPLEMENTS AND MACHINERY MARKETING  
 081203 AUTOMOTIVE VEHICLES AND ACCESSORIES MARKETING  
 081204 PETROLEUM WHOLESALING  
 081205 RECREATIONAL VEHICLES AND ACCESSORIES MARKETING  
 081206 SERVICE STATION RETAILING  
 081207 VEHICLE RENTAL AND LEASING  
 081299 VEHICLES AND PETROLEUM MARKETING, OTHER  
           MARKETING AND DISTRIBUTION, OTHER  
 089999 MARKETING AND DISTRIBUTION, OTHER

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## COMMUNICATIONS

CIP CODE    COURSE TITLE  
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## COMMUNICATIONS, GENERAL

090101 COMMUNICATIONS, GENERAL

## ADVERTISING

090201 ADVERTISING

## COMMUNICATIONS RESEARCH

090301 COMMUNICATIONS RESEARCH

## JOURNALISM (MASS COMMUNICATIONS)

090401 JOURNALISM (MASS COMMUNICATIONS)

## PUBLIC RELATIONS

090501 PUBLIC RELATIONS

## RADIO/TELEVISION NEWS BROADCAST

090601 RADIO/TELEVISION NEWS BROADCAST

## RADIO/TELEVISION, GENERAL

090701 RADIO/TELEVISION, GENERAL

## COMMUNICATIONS, OTHER

099999 COMMUNICATIONS, OTHER

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## COMMUNICATION TECHNOLOGIES

CIP CODE	COURSE TITLE
100101	EDUCATIONAL MEDIA TECHNOLOGY
100102	MOTION PICTURE TECHNOLOGY
100103	PHOTOGRAPHIC TECHNOLOGY
100104	RADIO AND TELEVISION PRODUCTION AND BROADCASTING TECHNOLOGY
100199	COMMUNICATION TECHNOLOGIES, OTHER

## COMMUNICATION TECHNOLOGIES

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## COMPUTER AND INFORMATION SCIENCES

CIP CODE	COURSE TITLE
110101	COMPUTER AND INFORMATION SCIENCES, GENERAL
110201	COMPUTER PROGRAMMING
110301	DATA PROCESSING
110401	INFORMATION SCIENCES AND SYSTEMS
110501	SYSTEMS ANALYSIS
119999	COMPUTER AND INFORMATION SCIENCES, OTHER

## COMPUTER AND INFORMATION SCIENCES, GENERAL

## COMPUTER PROGRAMMING

## DATA PROCESSING

## INFORMATION SCIENCES AND SYSTEMS

## SYSTEMS ANALYSIS

## COMPUTER AND INFORMATION SCIENCES, OTHER

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## CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES

**CIP CODE    COURSE TITLE**  
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## DRYCLEANING AND LAUNDERING SERVICES

120101    DRYCLEANING AND LAUNDERING SERVICES, GENERAL  
 120102    DRYCLEANING  
 120103    LAUNDERING  
 120199    DRYCLEANING AND LAUNDERING SERVICES, OTHER

## ENTERTAINMENT SERVICES

120201    ENTERTAINMENT SERVICES, GENERAL  
 120202    BARTENDING  
 120203    CARD DEALING  
 120204    UMPIRING  
 120299    ENTERTAINMENT SERVICES, OTHER

## FUNERAL SERVICES

120301    FUNERAL SERVICES

## PERSONAL SERVICES

120401    PERSONAL SERVICES, GENERAL  
 120402    BARBERING  
 120403    COSMETOLOGY  
 120404    ELECTROLYSIS  
 120405    MASSAGE  
 120499    PERSONAL SERVICES, OTHER

## CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES, OTHER

129999    CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES, OTHER

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## EDUCATION

CIP CODE	COURSE TITLE
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## EDUCATION, GENERAL

130101	EDUCATION, GENERAL
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## BILINGUAL/BICULTURAL EDUCATION

130201	BILINGUAL/BICULTURAL EDUCATION
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## CURRICULUM AND INSTRUCTION

130301	CURRICULUM AND INSTRUCTION
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## EDUCATION ADMINISTRATION

130401	EDUCATION ADMINISTRATION, GENERAL
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130402	ADMINISTRATION OF SPECIAL EDUCATION
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130403	ADULT AND CONTINUING EDUCATION ADMINISTRATION
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130404	EDUCATIONAL SUPERVISION
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130405	ELEMENTARY AND SECONDARY EDUCATION ADMINISTRATION
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130406	HIGHER EDUCATION ADMINISTRATION
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130407	COMMUNITY COLLEGE EDUCATION ADMINISTRATION
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130499	EDUCATION ADMINISTRATION, OTHER
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## EDUCATIONAL MEDIA

130501	EDUCATIONAL MEDIA
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## EVALUATION AND RESEARCH

130601	EVALUATION AND RESEARCH, GENERAL
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130602	ADULT AND CONTINUING EDUCATION RESEARCH
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130603	EDUCATIONAL STATISTICS AND RESEARCH
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130604	EDUCATIONAL TESTING, EVALUATION, AND MEASUREMENT
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130605	ELEMENTARY AND SECONDARY RESEARCH
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130606	HIGHER EDUCATION RESEARCH
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130699	EVALUATION AND RESEARCH, OTHER
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## INTERNATIONAL AND COMPARATIVE EDUCATION

- 130701 INTERNATIONAL AND COMPARATIVE EDUCATION
  - SCHOOL PSYCHOLOGY
- 130801 SCHOOL PSYCHOLOGY
  - SOCIAL FOUNDATIONS
- 130901 SOCIAL FOUNDATIONS
  - SPECIAL EDUCATION
- 131001 SPECIAL EDUCATION, GENERAL
- 131002 EDUCATION OF THE CULTURALLY DISADVANTAGED
- 131003 EDUCATION OF THE DEAF AND HEARING IMPAIRED
- 131004 EDUCATION OF THE GIFTED AND TALENTED
- 131005 EDUCATION OF THE EMOTIONALLY HANDICAPPED
- 131006 EDUCATION OF THE MENTALLY HANDICAPPED
- 131007 EDUCATION OF THE MULTIPLE HANDICAPPED
- 131008 EDUCATION OF THE PHYSICALLY HANDICAPPED
- 131009 EDUCATION OF THE VISUALLY HANDICAPPED
- 131010 REMEDIAL EDUCATION
- 131011 SPECIFIC LEARNING DISABILITIES
- 131012 SPEECH CORRECTION
- 131099 SPECIAL EDUCATION, OTHER
- STUDENT COUNSELING AND PERSONNEL SERVICES
- 131101 STUDENT COUNSELING AND PERSONNEL SERVICES
  - TEACHER EDUCATION, GENERAL PROGRAMS
- 131201 ADULT AND CONTINUING EDUCATION
- 131202 ELEMENTARY EDUCATION
- 131203 JUNIOR HIGH EDUCATION
- 131204 PRE-ELEMENTARY EDUCATION
- 131205 SECONDARY EDUCATION
- 121299 TEACHER EDUCATION, GENERAL PROGRAMS, OTHER



## TEACHER EDUCATION, SPECIFIC SUBJECT AREAS

131301	AGRICULTURAL EDUCATION
131302	ART EDUCATION
131303	BUSINESS EDUCATION
131304	DRIVER AND SAFETY EDUCATION
131305	ENGLISH EDUCATION
131306	FOREIGN LANGUAGES EDUCATION
131307	HEALTH EDUCATION
131308	HOME ECONOMICS EDUCATION
131309	INDUSTRIAL ARTS EDUCATION
131310	MARKETING AND DISTRIBUTIVE EDUCATION
131311	MATHEMATICS EDUCATION
131312	MUSIC EDUCATION
131313	NUTRITIONAL EDUCATION
131314	PHYSICAL EDUCATION
131315	READING EDUCATION
131316	SCIENCE EDUCATION
131317	SOCIAL SCIENCE EDUCATION
131318	SOCIAL STUDIES EDUCATION
131319	TECHNICAL EDUCATION
131320	TRADE AND INDUSTRIAL EDUCATION
131399	TEACHER EDUCATION, SPECIFIC SUBJECT AREAS, OTHER
	TEACHING ENGLISH AS A SECOND LANGUAGE/FOREIGN LANGUAGE
131401	TEACHING ENGLISH AS A SECOND LANGUAGE/FOREIGN LANGUAGE
	EDUCATION, OTHER
139999	EDUCATION, OTHER

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## ENGINEERING

CIP CODE	COURSE TITLE
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## ENGINEERING, GENERAL

140101 ENGINEERING, GENERAL

## AEROSPACE, AERONAUTICAL, AND ASTRONAUTICAL ENGINEERING

140201 AEROSPACE, AERONAUTICAL, AND ASTRONAUTICAL ENGINEERING

## AGRICULTURAL ENGINEERING

140301 AGRICULTURAL ENGINEERING

## ARCHITECTURAL ENGINEERING

140401 ARCHITECTURAL ENGINEERING

## BIOENGINEERING AND BIOMEDICAL ENGINEERING

140501 BIOENGINEERING AND BIOMEDICAL ENGINEERING

## CERAMIC ENGINEERING

140601 CERAMIC ENGINEERING

## CHEMICAL ENGINEERING

140701 CHEMICAL ENGINEERING

## CIVIL ENGINEERING

140801 CIVIL ENGINEERING

## COMPUTER ENGINEERING

140901 COMPUTER ENGINEERING

## ELECTRICAL, ELECTRONICS, AND COMMUNICATIONS ENGINEERING

141001 ELECTRICAL, ELECTRONICS, AND COMMUNICATIONS ENGINEERING

## ENGINEERING MECHANICS

141101 ENGINEERING MECHANICS

## ENGINEERING PHYSICS

141201 ENGINEERING PHYSICS

ENGINEERING SCIENCE

141301 ENGINEERING SCIENCE

ENVIRONMENTAL HEALTH ENGINEERING

141401 ENVIRONMENTAL HEALTH ENGINEERING

GEOLOGICAL ENGINEERING

141501 GEOLOGICAL ENGINEERING

GEOFYSICAL ENGINEERING

141601 GEOFYSICAL ENGINEERING

INDUSTRIAL ENGINEERING

141701 INDUSTRIAL ENGINEERING

MATERIALS ENGINEERING

141801 MATERIALS ENGINEERING

MECHANICAL ENGINEERING

141901 MECHANICAL ENGINEERING

METALLURGICAL ENGINEERING

142001 METALLURGICAL ENGINEERING

MINING AND MINERAL ENGINEERING

142101 MINING AND MINERAL ENGINEERING

NAVAL ARCHITECTURE AND MARINE ENGINEERING

142201 NAVAL ARCHITECTURE AND MARINE ENGINEERING

NUCLEAR ENGINEERING

142301 NUCLEAR ENGINEERING

OCEAN ENGINEERING

142401 OCEAN ENGINEERING

PETROLEUM ENGINEERING

142501 PETROLEUM ENGINEERING

SURVEYING AND MAPPING SCIENCES

142601 SURVEYING AND MAPPING SCIENCES

142602 CARTOGRAPHY

## SYSTEMS ENGINEERING

142701 SYSTEMS ENGINEERING

## TEXTILE ENGINEERING

142801 TEXTILE ENGINEERING

## ENGINEERING, OTHER

149999 ENGINEERING, OTHER

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## ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES

CIP CODE	COURSE TITLE
ARCHITECTURAL TECHNOLOGIES	
150101	ARCHITECTURAL DESIGN AND CONSTRUCTION TECHNOLOGY
150102	ARCHITECTURAL INTERIOR DESIGN TECHNOLOGY
150199	ARCHITECTURAL TECHNOLOGIES, OTHER
CIVIL TECHNOLOGIES	
150201	CIVIL TECHNOLOGY
150202	DRAFTING AND DESIGN TECHNOLOGY
150203	SURVEYING AND MAPPING TECHNOLOGY
150204	URBAN PLANNING TECHNOLOGY
150299	CIVIL TECHNOLOGIES, OTHER
ELECTRICAL AND ELECTRONIC TECHNOLOGIES	
150301	COMPUTER TECHNOLOGY
150302	ELECTRICAL TECHNOLOGY
150303	ELECTRONIC TECHNOLOGY
150304	LASER ELECTRO-OPTIC TECHNOLOGY
150399	ELECTRICAL AND ELECTRONIC TECHNOLOGIES, OTHER
ELECTROMECHANICAL INSTRUMENTATION AND MAINTENANCE TECHNOLOGIES	
150401	BIOMEDICAL EQUIPMENT TECHNOLOGY
150402	COMPUTER SERVICING TECHNOLOGY
150403	ELECTROMECHANICAL TECHNOLOGY

## ARCHITECTURAL TECHNOLOGIES

150101 ARCHITECTURAL DESIGN AND CONSTRUCTION TECHNOLOGY

150102 ARCHITECTURAL INTERIOR DESIGN TECHNOLOGY

150199 ARCHITECTURAL TECHNOLOGIES, OTHER

## CIVIL TECHNOLOGIES

150201 CIVIL TECHNOLOGY

150202 DRAFTING AND DESIGN TECHNOLOGY

150203 SURVEYING AND MAPPING TECHNOLOGY

150204 URBAN PLANNING TECHNOLOGY

150299 CIVIL TECHNOLOGIES, OTHER

## ELECTRICAL AND ELECTRONIC TECHNOLOGIES

150301 COMPUTER TECHNOLOGY

150302 ELECTRICAL TECHNOLOGY

150303 ELECTRONIC TECHNOLOGY

150304 LASER ELECTRO-OPTIC TECHNOLOGY

150399 ELECTRICAL AND ELECTRONIC TECHNOLOGIES, OTHER

## ELECTROMECHANICAL INSTRUMENTATION AND MAINTENANCE TECHNOLOGIES

150401 BIOMEDICAL EQUIPMENT TECHNOLOGY

150402 COMPUTER SERVICING TECHNOLOGY

150403 ELECTROMECHANICAL TECHNOLOGY

150404 INSTRUMENTATION TECHNOLOGY

150499 ELECTROMECHANICAL INSTRUMENTATION AND MAINTENANCE TECHNOLOGIES, OTHER  
ENVIRONMENTAL CONTROL TECHNOLOGIES

150501 AIR CONDITIONING, HEATING, AND REFRIGERATION TECHNOLOGY

150502 AIR POLLUTION CONTROL TECHNOLOGY

150503 ENERGY CONSERVATION AND USE TECHNOLOGY

150504 SANITATION TECHNOLOGY

150505 SOLAR HEATING AND COOLING TECHNOLOGY

150506 WATER AND WASTEWATER TECHNOLOGY

150599 ENVIRONMENTAL CONTROL TECHNOLOGIES, OTHER  
INDUSTRIAL PRODUCTION TECHNOLOGIES

150601 CHEMICAL MANUFACTURING TECHNOLOGY

150602 FOOD PROCESSING TECHNOLOGY

150603 INDUSTRIAL TECHNOLOGY

150604 MANUFACTURING TECHNOLOGY

150605 MARINE PRODUCTS TECHNOLOGY

150606 OPTICAL TECHNOLOGY

150607 PLASTIC TECHNOLOGY

150608 SAFETY TECHNOLOGY

150609 TEXTILE TECHNOLOGY

150610 WELDING TECHNOLOGY

150699 INDUSTRIAL PRODUCTION TECHNOLOGIES, OTHER  
QUALITY CONTROL AND SAFETY TECHNOLOGIES

150701 OCCUPATIONAL SAFETY AND HEALTH TECHNOLOGY

150702 QUALITY CONTROL TECHNOLOGY

150799 QUALITY CONTROL AND SAFETY TECHNOLOGIES, OTHER  
MECHANICAL AND RELATED TECHNOLOGIES

150801 AERONAUTICAL TECHNOLOGY

150802 AGRICULTURAL EQUIPMENT TECHNOLOGY

150803 AUTOMOTIVE TECHNOLOGY  
 150804 MARINE PROPULSION TECHNOLOGY  
 150805 MECHANICAL DESIGN TECHNOLOGY  
 150899 MECHANICAL AND RELATED TECHNOLOGIES, OTHER  
           MINING AND PETROLEUM TECHNOLOGIES  
 150901 COAL MINING TECHNOLOGY  
 150902 MINING (EXCLUDING COAL) TECHNOLOGY  
 150903 PETROLEUM TECHNOLOGY  
 150999 MINING AND PETROLEUM TECHNOLOGIES, OTHER  
           ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES, OTHER  
 159999 ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES, OTHER

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#### FOREIGN LANGUAGES

CIP CODE    COURSE TITLE  
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          FOREIGN LANGUAGES, MULTIPLE EMPHASIS  
 160101 FOREIGN LANGUAGES, MULTIPLE EMPHASIS  
           AFRICAN (NON-SEMITIC) LANGUAGES  
 160201 AFRICAN (NON-SEMITIC) LANGUAGES  
           ASIATIC LANGUAGES  
 160301 CHINESE  
 160302 JAPANESE  
 160303 KOREAN  
 160399 ASIATIC LANGUAGES, OTHER  
           BALTO-SLAVIC LANGUAGES  
 160401 BALTIC LANGUAGES  
 160402 RUSSIAN  
 160403 SLAVIC LANGUAGES (OTHER THAN RUSSIAN)

## GERMANIC LANGUAGES

160501 GERMAN  
 160502 SCANDINAVIAN LANGUAGES  
 160503 YIDDISH  
 160599 GERMANIC LANGUAGES, OTHER

## GREEK

160601 GREEK (CLASSICAL)  
 160602 GREEK (MODERN)

## INDIC LANGUAGES

160701 HINDI  
 160702 SANSKRIT  
 160799 INDIC LANGUAGES, OTHER

## IRANIAN LANGUAGES

160801 IRANIAN LANGUAGES

## ITALIC LANGUAGES

160901 FRENCH  
 160902 ITALIAN  
 160903 LATIN  
 160904 PORTUGUESE  
 160905 SPANISH  
 160999 ITALIC LANGUAGES, OTHER

## NATIVE AMERICAN LANGUAGES

161001 NATIVE AMERICAN LANGUAGES

## SEMITIC LANGUAGES

161101 ARABIC  
 161102 HEBREW  
 161199 SEMITIC LANGUAGES, OTHER



## FOREIGN LANGUAGES, OTHER

169999 FOREIGN LANGUAGES, OTHER

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## ALLIED HEALTH

CIP CODE	COURSE TITLE
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## DENTAL SERVICES

170101	DENTAL ASSISTING
170102	DENTAL HYGIENE
170103	DENTAL LABORATORY TECHNOLOGY
170199	DENTAL SERVICES, OTHER

## DIAGNOSTIC AND TREATMENT SERVICES

170201	CARDIOPULMONARY TECHNOLOGY
170202	DIALYSIS TECHNOLOGY
170203	ELECTROCARDIOGRAPH TECHNOLOGY
170204	ELECTROENCEPHALOGRAPH TECHNOLOGY
170205	EMERGENCY MEDICAL TECHNOLOGY-AMBULANCE
170206	EMERGENCY MEDICAL TECHNOLOGY-PARAMEDIC
170207	MEDICAL RADIATION DOSIMETRY
170208	NUCLEAR MEDICAL TECHNOLOGY
170209	RADIOGRAPH MEDICAL TECHNOLOGY
170210	RESPIRATORY THERAPY TECHNOLOGY
170211	SURGICAL TECHNOLOGY
170212	ULTRASOUND TECHNOLOGY
170299	DIAGNOSTIC AND TREATMENT SERVICES, OTHER

## MEDICAL LABORATORY TECHNOLOGIES

170301	BLOOD BANK TECHNOLOGY
170302	CHEMISTRY TECHNOLOGY
170303	CLINICAL ANIMAL TECHNOLOGY
170304	CLINICAL LABORATORY AIDE

170305 CLINICAL LABORATORY ASSISTING  
170306 CYTOTECHNOLOGY  
170307 HEMATOLOGY TECHNOLOGY  
170308 HISTOLOGIC TECHNOLOGY  
170309 MEDICAL LABORATORY TECHNOLOGY  
170310 MEDICAL TECHNOLOGY  
170311 MICROBIOLOGY TECHNOLOGY  
170399 MEDICAL LABORATORY TECHNOLOGIES, OTHER

MENTAL HEALTH/HUMAN SERVICES

170401 ALCOHOL/DRUG ABUSE SPECIALTY  
170402 COMMUNITY HEALTH WORK  
170403 GENETIC COUNSELING  
170404 HOME HEALTH AIDE  
..... MEDICAL SOCIAL WORK (SEE 440702)  
170405 MENTAL HEALTH/HUMAN SERVICES ASSISTING  
170406 MENTAL HEALTH/HUMAN SERVICES TECHNOLOGY  
170407 REHABILITATION COUNSELING  
170408 THERAPEUTIC CHILD CARE WORK  
170499 MENTAL HEALTH/HUMAN SERVICES, OTHER

MISCELLANEOUS ALLIED HEALTH SERVICES

170501 ANIMAL TECHNOLOGY  
170502 CENTRAL SUPPLY TECHNOLOGY  
170503 MEDICAL ASSISTING  
170504 MEDICAL ILLUSTRATING  
170505 MEDICAL OFFICE MANAGEMENT  
170506 MEDICAL RECORDS TECHNOLOGY  
170507 PHARMACY ASSISTING  
170508 PHYSICIAN ASSISTING-PRIMARY CARE  
170509 PHYSICIAN ASSISTING-SPECIALTY

170510     PODIATRIC ASSISTING  
170511     VETERINARIAN AIDE  
170512     VETERINARIAN ASSISTING  
170513     WARD CLERK  
170599     MISCELLANEOUS ALLIED HEALTH SERVICES, OTHER

**NURSING-RELATED SERVICES**

170601     GERIATRIC AIDE  
170602     NURSING ASSISTING  
170603     OBSTETRICAL TECHNOLOGY  
170604     PEDIATRIC AIDE  
170605     PRACTICAL NURSING  
170606     WARD SERVICE MANAGEMENT  
170699     NURSING-RELATED SERVICES, OTHER

**OPHTHALMIC SERVICES**

170701     OPHTHALMIC DISPENSING  
170702     OPHTHALMIC LABORATORY TECHNOLOGY  
170703     OPHTHALMIC MEDICAL ASSISTING  
170704     OPTOMETRIC ASSISTING  
170705     OPTOMETRIC TECHNOLOGY  
170706     ORTHOPTICS  
170799     OPHTHALMIC SERVICES, OTHER

**REHABILITATION SERVICES**

170801     ART THERAPY  
170802     CORRECTIVE THERAPY  
170803     DANCE THERAPY  
170804     EXERCISE PHYSIOLOGY  
170805     MANUAL ARTS THERAPY  
170806     MUSIC THERAPY  
170807     OCCUPATIONAL THERAPY

170808	OCCUPATIONAL THERAPY ASSISTING
170809	OCCUPATIONAL THERAPY AIDE
170810	ORTHOTIC/PROSTHETIC ASSISTING
170811	ORTHOTICS/PROSTHETICS
170812	ORTHOPEDIC ASSISTING
170813	PHYSICAL THERAPY
170814	PHYSICAL THERAPY AIDE
170815	PHYSICAL THERAPY ASSISTING
170816	RECREATIONAL THERAPY
170817	RECREATIONAL THERAPY TECHNOLOGY
170818	RESPIRATORY THERAPY
170819	RESPIRATORY THERAPY ASSISTING
170820	SPEECH/HEARING THERAPY AIDE
170821	SPEECH-LANGUAGE PATHOLOGY/AUDIOLOGY
.....	THERAPEUTIC RECREATION AIDE (SEE 200607)
170899	REHABILITATION SERVICES, OTHER
	ALLIED HEALTH, OTHER
179999	ALLIED HEALTH, OTHER

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#### HEALTH SCIENCES

<b>CIP CODE</b>	<b>COURSE TITLE</b>
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#### AUDIOLOGY AND SPEECH PATHOLOGY

180101	AUDIOLOGY
180102	SPEECH PATHOLOGY
180103	SPEECH PATHOLOGY/AUDIOLOGY
180199	AUDIOLOGY AND SPEECH PATHOLOGY, OTHER

#### BASIC CLINICAL HEALTH SCIENCES

180201	CLINICAL ANATOMY
180202	CLINICAL BIOCHEMISTRY

180203 CLINICAL MICROBIOLOGY  
180204 CLINICAL PATHOLOGY  
180205 PHYSIOLOGY  
180299 BASIC CLINICAL HEALTH SCIENCES, OTHER  
CHIROPRACTIC  
180301 CHIROPRACTIC  
DENTISTRY  
180401 DENTISTRY, GENERAL  
180402 DENTAL PUBLIC HEALTH  
180403 ENDODONTICS  
180404 ORAL/MAXIAL FACIAL SURGERY  
180405 ORAL PATHOLOGY  
180406 ORTHODONTICS  
180407 PEDODONTICS  
180408 PERIODONTICS  
180409 PROSTHODONTICS  
180499 DENTISTRY, OTHER  
EMERGENCY/DISASTER SCIENCE  
180501 EMERGENCY/DISASTER SCIENCE  
EPIDEMIOLOGY  
180601 EPIDEMIOLOGY  
HEALTH SCIENCES ADMINISTRATION  
180701 HEALTH CARE ADMINISTRATION  
180702 HEALTH CARE PLANNING  
180703 MEDICAL RECORDS ADMINISTRATION  
180799 HEALTH SCIENCES ADMINISTRATION, OTHER  
HEMATOLOGY  
180801 HEMATOLOGY

## MEDICAL LABORATORY

180901 MEDICAL LABORATORY

## MEDICINE

181001 MEDICINE, GENERAL

181002 ALLERGIES AND ENDOMOLOGY

181003 ANESTHESIOLOGY

181004 COLON AND RECTAL SURGERY

181005 DERMATOLOGY

181006 EMERGENCY MEDICINE

181007 FAMILY PRACTICE

181008 GERIATRICS

181009 IMMUNOLOGY

181010 INTERNAL MEDICINE

181011 NEUROLOGICAL SURGERY

181012 NUCLEAR MEDICINE

181013 OBSTETRICS AND GYNECOLOGY

181014 OPHTHALMOLOGY

181015 ORTHODONTIC SURGERY

181016 ORTHOPEDIC

181017 OTORHINOLARYNGOLOGY/OTOLARYNGOLOGY

181018 PATHOLOGY

181019 PEDIATRICS

181020 PHYSICAL MEDICINE AND REHABILITATION

181021 PLASTIC SURGERY

181022 PREVENTIVE MEDICINE

181023 PSYCHIATRY

181024 NEUROLOGY

181025 RADIOLOGY

181026 SURGERY

181027	THORACIC SURGERY
181028	UROLOGY
181099	MEDICINE, OTHER
	NURSING
181101	NURSING, GENERAL
181102	ANESTHETIST
181103	MATERNAL/CHILD HEALTH
181104	MEDICAL SURGICAL
181105	NURSING ADMINISTRATION
181106	PSYCHIATRIC/MENTAL HEALTH
181107	PUBLIC HEALTH
181199	NURSING, OTHER
	OPTOMETRY
181201	OPTOMETRY
	OSTEOPATHIC MEDICINE
181301	OSTEOPATHIC MEDICINE
	PHARMACY
181401	PHARMACY
	PODIATRY
181501	PODIATRY
	POPULATION AND FAMILY PLANNING
181601	POPULATION AND FAMILY PLANNING
	PRE-DENTISTRY
181701	PRE-DENTISTRY
	PRE-MEDICINE
181801	PRE-MEDICINE
	PRE-PHARMACY
181901	PRE-PHARMACY



## PRE-VETERINARY

182001 PRE-VETERINARY  
 PROSECTORIAL SCIENCE  
 182101 PROSECTORIAL SCIENCE  
 PUBLIC HEALTH LABORATORY SCIENCE  
 182201 PUBLIC HEALTH LABORATORY SCIENCE  
 TOXICOLOGY (CLINICAL)  
 182301 TOXICOLOGY (CLINICAL)  
 VETERINARY MEDICINE  
 182401 VETERINARY MEDICINE  
 HEALTH SCIENCES, OTHER  
 189999 HEALTH SCIENCES, OTHER

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## HOME ECONOMICS

CIP CODE COURSE TITLE  
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HOME ECONOMICS, GENERAL  
 190101 HOME ECONOMICS, GENERAL  
 BUSINESS HOME ECONOMICS  
 190201 BUSINESS HOME ECONOMICS  
 FAMILY AND COMMUNITY SERVICES  
 190301 FAMILY AND COMMUNITY SERVICES, GENERAL  
 190302 NONFORMAL EDUCATION (EXTENSION, ADULT/EXTENDED)  
 190303 FAMILY SERVICES  
 190399 FAMILY AND COMMUNITY SERVICES, OTHER  
 FAMILY/CONSUMER RESOURCE MANAGEMENT  
 190401 FAMILY/CONSUMER RESOURCE MANAGEMENT, GENERAL  
 190402 CONSUMER SCIENCE  
 190403 FAMILY ECONOMICS  
 ..... HOME MANAGEMENT (SEE 200109)

190499 FAMILY/CONSUMER RESOURCE MANAGEMENT, OTHER  
           FOOD SCIENCES AND HUMAN NUTRITION  
 190501 FOOD SCIENCES AND HUMAN NUTRITION, GENERAL  
 190502 FOOD/FOOD SCIENCES  
 190503 DIETETICS/HUMAN NUTRITIONAL SERVICES  
 190504 HUMAN NUTRITION  
 190599 FOOD SCIENCES AND HUMAN NUTRITION, OTHER  
 ..... HOME ECONOMICS EDUCATION (SEE 131308)  
           HUMAN ENVIRONMENT AND HOUSING  
 190601 HUMAN ENVIRONMENT AND HOUSING, GENERAL  
 190602 HOUSEHOLD EQUIPMENT  
 190603 HOUSING  
 ..... INTERIOR DESIGN (SEE 040501)  
 190699 HUMAN ENVIRONMENT AND HOUSING, OTHER  
           INDIVIDUAL AND FAMILY DEVELOPMENT  
 190701 INDIVIDUAL AND FAMILY DEVELOPMENT, GENERAL  
 190702 ADULT DEVELOPMENT  
 ..... CHILD DEVELOPMENT, CARE, AND GUIDANCE (SEE 200102)  
 190703 FAMILY COUNSELING  
 190704 FAMILY RELATIONS  
 190705 GERIATRIC SERVICES  
 190799 INDIVIDUAL AND FAMILY DEVELOPMENT, OTHER  
           INTERNATIONAL/COMPARATIVE HOME ECONOMICS  
 190801 INTERNATIONAL/COMPARATIVE HOME ECONOMICS  
           TEXTILES AND CLOTHING  
 190901 TEXTILES AND CLOTHING, GENERAL  
 190902 FASHION DESIGN  
 190903 TEXTILES AND CLOTHING, RETAIL  
 190904 TEXTILE SCIENCE

190999 TEXTILES AND CLOTHING, OTHER  
 HOME ECONOMICS, OTHER

199999 HOME ECONOMICS, OTHER

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VOCATIONAL HOME ECONOMICS

CIP CODE COURSE TITLE  
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CONSUMER AND HOMEMAKING HOME ECONOMICS

200101 COMPREHENSIVE CONSUMER AND HOMEMAKING HOME ECONOMICS  
 200102 CHILD DEVELOPMENT.CARE, AND GUIDANCE  
 200103 CLOTHING AND TEXTILES  
 200104 CONSUMER EDUCATION  
 200105 EXPLORATORY HOMEMAKING  
 200106 FAMILY/INDIVIDUAL HEALTH  
 200107 FAMILY LIVING AND PARENTHOOD  
 200108 FOOD AND NUTRITION  
 200109 HOME MANAGEMENT  
 200110 HOUSING,HOME FURNISHING AND EQUIPMENT  
 200199 CONSUMER AND HOMEMAKING HOME ECONOMICS, OTHER

CHILD CARE AND GUIDANCE MANAGEMENT AND SERVICES

200201 CHILD CARE AND GUIDANCE MANAGEMENT AND SERVICES, GENERAL  
 200202 CHILD CARE AIDE/ASSISTING  
 200203 CHILD CARE MANAGEMENT  
 200204 FOSTER CARE/FAMILY CARE  
 200205 TEACHER AIDE  
 200299 CHILD CARE AND GUIDANCE MANAGEMENT AND SERVICES, OTHER

CLOTHING,APPAREL, AND TEXTILES MANAGEMENT,PRODUCTION, AND SERVICES

200301 CLOTHING,APPAREL, AND TEXTILES MANAGEMENT,PRODUCTION, AND SERVICES,GENERAL  
 200302 CLOTHING MAINTENANCE AIDE  
 200303 COMMERCIAL GARMENT AND APPAREL CONSTRUCTION

200304 CUSTOM APPAREL/GARMENT SEAMSTRESS

200305 CUSTOM TAILORING AND ALTERATION

200306 FASHION/FABRIC COORDINATION

200307 TEXTILES TESTING

200308 WEDDING/SPECIALTY CONSULTING

200399 CLOTHING, APPAREL, AND TEXTILES MANAGEMENT, PRODUCTION, AND SERVICES, OTHER  
FOOD PRODUCTION, MANAGEMENT, AND SERVICES

200401 FOOD PRODUCTION, MANAGEMENT, AND SERVICES, GENERAL

200402 BAKING

200403 CHEF/COOK

200404 DIETETIC AIDE/ASSISTING

200405 FOOD CATERING

200406 FOOD SERVICE

200407 FOOD TESTING

200408 SCHOOL FOOD SERVICE

200499 FOOD PRODUCTION, MANAGEMENT, AND SERVICES, OTHER  
HOME FURNISHINGS AND EQUIPMENT MANAGEMENT, PRODUCTION, AND SERVICES

200501 HOME FURNISHINGS AND EQUIPMENT MANAGEMENT, PRODUCTION, AND SERVICES, GENERAL

200502 CUSTOM DRAPERY AND WINDOW TREATMENT DESIGN/MAKING

200503 CUSTOM SLIPCOVERING AND UPHOLSTERING

200504 FLORAL DESIGN

200505 HOME DECORATING

200506 HOME FURNISHINGS AIDE

200507 HOME-SERVICE ASSISTING

200599 HOME FURNISHINGS AND EQUIPMENT MANAGEMENT, PRODUCTION, AND SERVICES, OTHER  
INSTITUTIONAL, HOME MANAGEMENT, AND SUPPORTING SERVICES

200601 INSTITUTIONAL, HOME MANAGEMENT, AND SUPPORTING SERVICES, GENERAL

200602 COMPANION TO THE AGED

200603 CONSUMER AIDE/ASSISTING

200604 CUSTODIAL SERVICES  
 200605 EXECUTIVE HOUSEKEEPING  
 200606 HOMEMAKER'S AIDE  
 200607 THERAPEUTIC RECREATION AIDE  
 200699 INSTITUTIONAL, HOME MANAGEMENT, AND SUPPORTING SERVICES, OTHER  
           VOCATIONAL HOME ECONOMICS, OTHER  
 209999 VOCATIONAL HOME ECONOMICS, OTHER

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# INDUSTRIAL ARTS

CIP CODE    COURSE TITLE  
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## INDUSTRIAL ARTS

210101 INDUSTRIAL ARTS, GENERAL  
 210102 CONSTRUCTION  
 210103 DRAFTING AND DESIGN  
 210104 ELECTRICITY/ELECTRONICS  
 210105 ENERGY, POWER, AND TRANSPORTATION  
 210106 GRAPHIC ARTS  
 210107 MANUFACTURING/MATERIALS PROCESSING  
 210199 INDUSTRIAL ARTS, OTHER

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## LAW

CIP CODE    COURSE TITLE  
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## LAW

220101 LAW  
 220102 PRE-LAW  
 220103 LEGAL ASSISTING  
 220199 LAW, OTHER

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## LETTERS

CIP CODE	COURSE TITLE
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ENGLISH, GENERAL

230101 ENGLISH, GENERAL

CLASSICS

230201 CLASSICS

COMPARATIVE LITERATURE

230301 COMPARATIVE LITERATURE

COMPOSITION

230401 COMPOSITION

CREATIVE WRITING

230501 CREATIVE WRITING

LINGUISTICS (INCLUDES PHONETICS, SEMANTICS, AND PHILOLOGY)

230601 LINGUISTICS (INCLUDES PHONETICS, SEMANTICS, AND PHILOLOGY)

LITERATURE, AMERICAN

230701 LITERATURE, AMERICAN

LITERATURE, ENGLISH

230801 LITERATURE, ENGLISH

RHETORIC

230901 RHETORIC

SPEECH, DEBATE, AND FORENSICS

231001 SPEECH, DEBATE, AND FORENSICS

TECHNICAL AND BUSINESS WRITING

231101 TECHNICAL AND BUSINESS WRITING

LETTERS, OTHER

239999 LETTERS, OTHER

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## LIBERAL/GENERAL STUDIES

CIP CODE    COURSE TITLE  
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## LIBERAL/GENERAL STUDIES

240101    LIBERAL/GENERAL STUDIES  
 240199    LIBERAL/GENERAL STUDIES, OTHER

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## LIBRARY AND ARCHIVAL SCIENCES

CIP CODE    COURSE TITLE  
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## LIBRARY AND ARCHIVAL SCIENCES, GENERAL

250101    LIBRARY AND ARCHIVAL SCIENCES, GENERAL  
           ARCHIVAL SCIENCE

250201    ARCHIVAL SCIENCE

## LIBRARY ASSISTING

250301    LIBRARY ASSISTING

## LIBRARY SCIENCE

250401    LIBRARY SCIENCE

## MUSEOLOGY

250501    MUSEOLOGY

## LIBRARY AND ARCHIVAL SCIENCES, OTHER

259999    LIBRARY AND ARCHIVAL SCIENCES, OTHER

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## LIFE SCIENCES

CIP CODE    COURSE TITLE  
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## BIOLOGY, GENERAL

260101    BIOLOGY, GENERAL



**BIOCHEMISTRY AND BIOPHYSICS****260201 BIOCHEMISTRY AND BIOPHYSICS****BOTANY****260301 BOTANY, GENERAL****260302 BACTERIOLOGY****260303 MYCOLOGY****260304 PLANT GENETICS****260305 PLANT PATHOLOGY****260306 PLANT PHARMACOLOGY****260307 PLANT PHYSIOLOGY****260399 BOTANY, OTHER****CELL AND MOLECULAR BIOLOGY****260401 CELL BIOLOGY****260402 MOLECULAR BIOLOGY****260499 CELL AND MOLECULAR BIOLOGY, OTHER****MICROBIOLOGY****260501 MICROBIOLOGY****MISCELLANEOUS SPECIALIZED AREAS, LIFE SCIENCES****260601 ANATOMY****260602 BIOMETRICS AND BIOSTATISTICS****260603 ECOLOGY****260604 EMBRYOLOGY****260605 ENDOCRINOLOGY****260606 HISTOLOGY****260607 MARINE BIOLOGY****260608 NEUROSCIENCES****260609 NUTRITIONAL SCIENCES****260610 PARASITOLOGY****260611 RADIOBIOLOGY**

260612 TOXICOLOGY

260699 MISCELLANEOUS SPECIALIZED AREAS, LIFE SCIENCES, OTHER

ZOOLOGY

260701 ZOOLOGY, GENERAL

260702 ENTOMOLOGY

260703 GENETICS, HUMAN AND ANIMAL

260704 PATHOLOGY, HUMAN AND ANIMAL

260705 PHARMACOLOGY, HUMAN AND ANIMAL

260706 PHYSIOLOGY, HUMAN AND ANIMAL

260799 ZOOLOGY, OTHER

LIFE SCIENCES, OTHER

269999 LIFE SCIENCES, OTHER

\* \* \* \* \*

# MATHEMATICS

CIP CODE   COURSE TITLE

MATHEMATICS, GENERAL

270101 MATHEMATICS, GENERAL

ACTUARIAL SCIENCES

270201 ACTUARIAL SCIENCES

APPLIED MATHEMATICS

270301 APPLIED MATHEMATICS

PURE MATHEMATICS

270401 PURE MATHEMATICS

STATISTICS

270501 STATISTICS

MATHEMATICS, OTHER

279999 MATHEMATICS, OTHER

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## MILITARY SCIENCES

CIP CODE	COURSE TITLE
AEROSPACE SCIENCE (AIR FORCE)	
280101	AEROSPACE SCIENCE (AIR FORCE)
COAST GUARD SCIENCE	
280201	COAST GUARD SCIENCE
MILITARY SCIENCE (ARMY)	
280301	MILITARY SCIENCE (ARMY)
NAVAL SCIENCE (NAVY, MARINES)	
280401	NAVAL SCIENCE (NAVY, MARINES)
MILITARY SCIENCES, OTHER	
289999	MILITARY SCIENCES, OTHER

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## MILITARY TECHNOLOGIES

CIP CODE	COURSE TITLE
MILITARY TECHNOLOGIES	
290101	MILITARY TECHNOLOGIES
290199	MILITARY TECHNOLOGIES, OTHER

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## MULTI/INTERDISCIPLINARY STUDIES

CIP CODE	COURSE TITLE
BIOLOGICAL AND PHYSICAL SCIENCES	
300101	BIOLOGICAL AND PHYSICAL SCIENCES
CLINICAL PASTORAL CARE	
300201	CLINICAL PASTORAL CARE

## BIOLOGICAL AND PHYSICAL SCIENCES

300101	BIOLOGICAL AND PHYSICAL SCIENCES
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## CLINICAL PASTORAL CARE

300201	CLINICAL PASTORAL CARE
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## ENGINEERING AND OTHER DISCIPLINES

300301 ENGINEERING AND OTHER DISCIPLINES

## HUMANITIES AND SOCIAL SCIENCES

300401 HUMANITIES AND SOCIAL SCIENCES

## PEACE STUDIES

300501 PEACE STUDIES

## SYSTEMS SCIENCE

300601 SYSTEMS SCIENCE

## WOMEN'S STUDIES

300701 WOMEN'S STUDIES

## MULTI/INTERDISCIPLINARY STUDIES, OTHER

309999 MULTI/INTERDISCIPLINARY STUDIES, OTHER

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## PARKS AND RECREATION

CIP CODE	COURSE TITLE
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## PARKS AND RECREATION, GENERAL

310101 PARKS AND RECREATION, GENERAL

## OUTDOOR RECREATION

310201 OUTDOOR RECREATION

## PARKS AND RECREATION MANAGEMENT

310301 PARKS AND RECREATION MANAGEMENT

## WATER RESOURCES

310401 WATER RESOURCES

## PARKS AND RECREATION, OTHER

319999 PARKS AND RECREATION, OTHER

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**BASIC SKILLS**

<b>CIP CODE</b>	<b>COURSE TITLE</b>
<b>-----</b>	<b>-----</b>

**BASIC SKILLS**

320101	BASIC SKILLS, GENERAL
320102	ACADEMIC AND INTELLECTUAL SKILLS
320103	COMMUNICATION SKILLS
320104	COMPUTATIONAL SKILLS
320105	JOB-SEEKING/CHANGING SKILLS
320106	MOTOR SKILLS
320199	BASIC SKILLS, OTHER

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**CITIZENSHIP/CIVIC ACTIVITIES**

<b>CIP CODE</b>	<b>COURSE TITLE</b>
<b>-----</b>	<b>-----</b>

**CITIZENSHIP/CIVIC ACTIVITIES**

330101	CITIZENSHIP/CIVIC ACTIVITIES, GENERAL
330102	AMERICAN CITIZENSHIP
330103	CIVIC APPRECIATION
330104	CIVIC PARTICIPATION
330199	CITIZENSHIP/CIVIC ACTIVITIES, OTHER

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**HEALTH-RELATED ACTIVITIES**

<b>CIP CODE</b>	<b>COURSE TITLE</b>
<b>-----</b>	<b>-----</b>

**HEALTH-RELATED ACTIVITIES**

340101	HEALTH-RELATED ACTIVITIES, GENERAL
340102	BIRTH-RELATED HEALTH PRACTICES
340103	HEALTH ENHANCEMENT PRACTICES
340104	HEALTH TREATMENT/PREVENTION PRACTICES

340199 HEALTH-RELATED ACTIVITIES, OTHER

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INTERPERSONAL SKILLS

CIP CODE    COURSE TITLE  
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INTERPERSONAL SKILLS

350101 INTERPERSONAL SKILLS, GENERAL

350102 BUILDING HUMAN RELATIONSHIPS

350103 PERCEPTION OF OTHERS

350104 SOCIAL ROLE ENGINEERING

350199 INTERPERSONAL SKILLS, OTHER

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LEISURE AND RECREATIONAL ACTIVITIES

CIP CODE    COURSE TITLE  
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LEISURE AND RECREATIONAL ACTIVITIES

360101 LEISURE AND RECREATIONAL ACTIVITIES, GENERAL

360102 CRAFTS(LEISURE AND RECREATIONAL)

360103 GAMES

360104 HOBBIES

360105 HOUSING/HOME MAINTENANCE

360106 NATURE APPRECIATION

360107 PET CARE

360108 SPORTS/PHYSICAL EDUCATION

360109 TRAVEL

360199 LEISURE AND RECREATIONAL ACTIVITIES, OTHER

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## PERSONAL AWARENESS

CIP CODE	COURSE TITLE
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## PERSONAL AWARENESS

370101	PERSONAL AWARENESS, GENERAL
370102	COPING SKILLS
370103	PERSONAL DECISIONMAKING
370104	SELF-PERCEPTION
370105	VALUES, ATTITUDES, AND BELIEFS
370199	PERSONAL AWARENESS, OTHER

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## PHILOSOPHY AND RELIGION

CIP CODE	COURSE TITLE
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## PHILOSOPHY

380101	PHILOSOPHY
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## RELIGION

380201	RELIGION
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## PHILOSOPHY AND RELIGION, OTHER

329999	PHILOSOPHY AND RELIGION, OTHER
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## THEOLOGY

CIP CODE	COURSE TITLE
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## BIBLICAL LANGUAGES

390101	BIBLICAL LANGUAGES
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## BIBLE STUDIES

390201	BIBLE STUDIES
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## MISSIONARY STUDIES

390301 MISSIONARY STUDIES  
 RELIGIOUS EDUCATION  
 390401 RELIGIOUS EDUCATION  
 RELIGIOUS MUSIC  
 390501 RELIGIOUS MUSIC  
 THEOLOGICAL STUDIES  
 390601 THEOLOGICAL STUDIES  
 THEOLOGY, OTHER  
 399999 THEOLOGY, OTHER

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## PHYSICAL SCIENCES

CIP CODE COURSE TITLE  
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## PHYSICAL SCIENCES, GENERAL

400101 PHYSICAL SCIENCES, GENERAL

## ASTRONOMY

400201 ASTRONOMY

## ASTROPHYSICS

400301 ASTROPHYSICS

## ATMOSPHERIC SCIENCES AND METEOROLOGY

400401 ATMOSPHERIC SCIENCES AND METEOROLOGY

## CHEMISTRY

400501 CHEMISTRY, GENERAL

400502 ANALYTICAL CHEMISTRY

400503 INORGANIC CHEMISTRY

400504 ORGANIC CHEMISTRY

400505 PHARMACEUTICAL CHEMISTRY

400506 PHYSICAL CHEMISTRY

400599 CHEMISTRY, OTHER

## GEOLOGICAL SCIENCES

400601 GEOLOGY  
400602 GEOCHEMISTRY  
400603 GEOPHYSICS AND SEISMOLOGY  
400604 PALEONTOLOGY  
400699 GEOLOGICAL SCIENCES, OTHER

## MISCELLANEOUS PHYSICAL SCIENCES

400701 METALLURGY  
400702 OCEANOGRAPHY  
400703 EARTH SCIENCE  
400799 MISCELLANEOUS PHYSICAL SCIENCES, OTHER

## PHYSICS

400801 PHYSICS, GENERAL  
400802 ATOMIC/MOLECULAR PHYSICS  
400803 ELECTRON PHYSICS  
400804 ELEMENTARY PARTICLE PHYSICS  
400805 FLUIDS AND PLASMAS  
400806 NUCLEAR PHYSICS  
400807 OPTICS  
400808 SOLID STATE PHYSICS  
400899 PHYSICS, OTHER

## PLANETARY SCIENCE

400901 PLANETARY SCIENCE

## PHYSICAL SCIENCES, OTHER

409999 PHYSICAL SCIENCES, OTHER

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## SCIENCE TECHNOLOGIES

CIP CODE	COURSE TITLE
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## BIOLOGICAL TECHNOLOGIES

410101	BIOLOGICAL LABORATORY TECHNOLOGY
410102	OCEANOGRAPHIC (BIOLOGICAL) TECHNOLOGY
410199	BIOLOGICAL TECHNOLOGIES, OTHER

## NUCLEAR TECHNOLOGIES

410201	NUCLEAR MATERIALS HANDLING TECHNOLOGY
410202	NUCLEAR POWER PLANT OPERATION TECHNOLOGY
410203	NUCLEAR POWER PLANT RADIATION CONTROL TECHNOLOGY
410204	RADIOLOGIC (PHYSICAL) TECHNOLOGY
410299	NUCLEAR TECHNOLOGIES, OTHER

## PHYSICAL SCIENCE TECHNOLOGIES

410301	CHEMICAL TECHNOLOGY
410302	GEOLOGICAL TECHNOLOGY
410303	METALLURGICAL TECHNOLOGY
410304	METEOROLOGICAL TECHNOLOGY
410305	OCEANOGRAPHIC (PHYSICAL) TECHNOLOGY
410399	PHYSICAL SCIENCE TECHNOLOGIES, OTHER

## SCIENCE TECHNOLOGIES, OTHER

419999	SCIENCE TECHNOLOGIES, OTHER
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## PSYCHOLOGY

CIP CODE	COURSE TITLE
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## PSYCHOLOGY, GENERAL

420101	PSYCHOLOGY, GENERAL
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	CLINICAL PSYCHOLOGY
420201	CLINICAL PSYCHOLOGY
	COGNITIVE PSYCHOLOGY
420301	COGNITIVE PSYCHOLOGY
	COMMUNITY PSYCHOLOGY
420401	COMMUNITY PSYCHOLOGY
	COMPARATIVE PSYCHOLOGY
420501	COMPARATIVE PSYCHOLOGY
	COUNSELING PSYCHOLOGY
420601	COUNSELING PSYCHOLOGY
	DEVELOPMENTAL PSYCHOLOGY
420701	DEVELOPMENTAL PSYCHOLOGY
	EXPERIMENTAL PSYCHOLOGY
420801	EXPERIMENTAL PSYCHOLOGY
	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY
420901	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY
	PERSONALITY PSYCHOLOGY
421001	PERSONALITY PSYCHOLOGY
	PHYSIOLOGICAL PSYCHOLOGY
421101	PHYSIOLOGICAL PSYCHOLOGY
	PSYCHOLINGUISTICS
421201	PSYCHOLINGUISTICS
	PSYCHOMETRICS
421301	PSYCHOMETRICS
	PSYCHOPHARMACOLOGY
421401	PSYCHOPHARMACOLOGY
	QUANTITATIVE PSYCHOLOGY
421501	QUANTITATIVE PSYCHOLOGY

## SOCIAL PSYCHOLOGY

421601 SOCIAL PSYCHOLOGY

PSYCHOLOGY, OTHER

429999 PSYCHOLOGY, OTHER

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## PROTECTIVE SERVICES

CIP CODE	COURSE TITLE
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## CRIMINAL JUSTICE

430101 CORRECTIONAL ADMINISTRATION

430102 CORRECTIONS

430103 CRIMINAL JUSTICE ADMINISTRATION

430104 CRIMINAL JUSTICE STUDIES

430105 CRIMINAL JUSTICE TECHNOLOGY

430106 FORENSIC STUDIES

430107 LAW ENFORCEMENT

430108 LAW ENFORCEMENT ADMINISTRATION

430109 SECURITY SERVICES

430199 CRIMINAL JUSTICE, OTHER

## FIRE PROTECTION

430201 FIRE CONTROL AND SAFETY TECHNOLOGY

430202 FIRE PROTECTION ADMINISTRATION

430203 FIREFIGHTING

430299 FIRE PROTECTION, OTHER

## PROTECTIVE SERVICES, OTHER

439999 PROTECTIVE SERVICES, OTHER

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## PUBLIC AFFAIRS

CIP CODE	COURSE TITLE
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## PUBLIC AFFAIRS, GENERAL

440101	PUBLIC AFFAIRS, GENERAL
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## COMMUNITY SERVICES

440201	COMMUNITY SERVICES
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## INTERNATIONAL PUBLIC SERVICE

440301	INTERNATIONAL PUBLIC SERVICE
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## PUBLIC ADMINISTRATION

440401	PUBLIC ADMINISTRATION
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## PUBLIC POLICY STUDIES

440501	PUBLIC POLICY STUDIES
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## PUBLIC WORKS

440601	PUBLIC SANITATION
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440602	PUBLIC TRANSPORTATION
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440603	PUBLIC UTILITIES
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440699	PUBLIC WORKS, OTHER
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## SOCIAL WORK

440701	SOCIAL WORK, GENERAL
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440702	MEDICAL SOCIAL WORK
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440799	SOCIAL WORK, OTHER
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## PUBLIC AFFAIRS, OTHER

449999	PUBLIC AFFAIRS, OTHER
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## SOCIAL SCIENCES

CIP CODE	COURSE TITLE
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## SOCIAL SCIENCES, GENERAL

450101	SOCIAL SCIENCES, GENERAL
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## ANTHROPOLOGY

450201	ANTHROPOLOGY
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## ARCHEOLOGY

450301	ARCHEOLOGY
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## CRIMINOLOGY

450401	CRIMINOLOGY
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## DEMOGRAPHY

450501	DEMOGRAPHY
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## ECONOMICS

450601	ECONOMICS
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## GEOGRAPHY

450701	GEOGRAPHY
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## HISTORY

450801	HISTORY
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## INTERNATIONAL RELATIONS

450901	INTERNATIONAL RELATIONS
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## POLITICAL SCIENCE AND GOVERNMENT

451001	POLITICAL SCIENCE AND GOVERNMENT
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## SOCIOLOGY

451101	SOCIOLOGY
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## URBAN STUDIES

451201	URBAN STUDIES
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## SOCIAL SCIENCES, OTHER

459999 SOCIAL SCIENCES, OTHER

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## CONSTRUCTION TRADES

CIP CODE COURSE TITLE

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## BRICKMASONRY, STONEMASONRY, AND TILE SETTING

460101 BRICKMASONRY, STONEMASONRY, AND TILE SETTING, GENERAL

460102 BRICK, BLOCK, AND STONEMASONRY

460103 TILE SETTING

460199 BRICKMASONRY, STONEMASONRY, AND TILE SETTING, OTHER

## CARPENTRY

460201 CARPENTRY

## ELECTRICAL AND POWER TRANSMISSION INSTALLATION

460301 ELECTRICAL AND POWER TRANSMISSION INSTALLATION, GENERAL

460302 ELECTRICIAN

460303 LINEMAN

460399 ELECTRICAL AND POWER TRANSMISSION INSTALLATION, OTHER

## MISCELLANEOUS CONSTRUCTION TRADES

460401 BUILDING MAINTENANCE

460402 CONCRETE PLACING AND FINISHING

460403 CONSTRUCTION INSPECTION

460404 DRYWALL INSTALLATION

460405 FLOOR COVERING INSTALLATION

460406 GLAZING

460407 INSULATION INSTALLATION

460408 PAINTING AND DECORATING

460409 PLASTERING

460410 ROOFING

460411 TERRAZZO INSTALLATION

460499 MISCELLANEOUS CONSTRUCTION TRADES, OTHER  
           PLUMBING, PIPEFITTING, AND STEAMFITTING  
 460501 PLUMBING, PIPEFITTING, AND STEAMFITTING, GENERAL  
 460502 PIPEFITTING AND STEAMFITTING  
 460503 PLUMBING  
 460599 PLUMBING, PIPEFITTING, AND STEAMFITTING, OTHER  
           CONSTRUCTION TRADES, OTHER  
 469999 CONSTRUCTION TRADES, OTHER

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# MECHANICS AND REPAIRERS

CIP CODE    COURSE TITLE  
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## ELECTRICAL AND ELECTRONICS EQUIPMENT REPAIR

470101 ELECTRICAL AND ELECTRONICS EQUIPMENT REPAIR, GENERAL  
 470102 BUSINESS MACHINE REPAIR  
 470103 COMMUNICATION ELECTRONICS  
 470104 COMPUTER ELECTRONICS  
 470105 INDUSTRIAL ELECTRONICS  
 470106 MAJOR APPLIANCE REPAIR  
 470107 MOTOR REPAIR  
 470108 SMALL APPLIANCE REPAIR  
 470109 VENDING AND RECREATIONAL MACHINE REPAIR  
 470199 ELECTRICAL AND ELECTRONICS EQUIPMENT REPAIR, OTHER

## HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS

470201 HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS, GENERAL  
 470202 COOLING AND REFRIGERATION  
 470203 HEATING AND AIR CONDITIONING  
 470299 HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS, OTHER

**INDUSTRIAL EQUIPMENT MAINTENANCE AND REPAIR**

- 470301 INDUSTRIAL EQUIPMENT MAINTENANCE AND REPAIR, GENERAL
- 470302 HEAVY EQUIPMENT MAINTENANCE AND REPAIR
- 470303 INDUSTRIAL MACHINERY MAINTENANCE AND REPAIR
- 470304 MINE EQUIPMENT MAINTENANCE AND REPAIR
- 470305 OIL AND GAS DRILLING EQUIPMENT OPERATION AND MAINTENANCE
- 470399 INDUSTRIAL EQUIPMENT MAINTENANCE AND REPAIR, OTHER

**MISCELLANEOUS MECHANICS AND REPAIRERS**

- 470401 ELECTROMECHANICAL, HYDRAULIC, AND PNEUMATIC INSTRUMENT REPAIR
- 470402 GUNSMITHING
- 470403 LOCKSMITHING AND SAFE REPAIR
- 470404 MUSICAL INSTRUMENT REPAIR
- 470405 OPERATION, MAINTENANCE, AND REPAIR OF AUDIO-VISUAL EQUIPMENT
- 470406 SHOE AND BOOT REPAIR
- 470407 SPORTING GOODS EQUIPMENT REPAIR
- 470408 WATCH REPAIR
- 470499 MISCELLANEOUS MECHANICS AND REPAIRERS OTHER

**STATIONARY ENERGY SOURCES**

- 470501 STATIONARY ENERGY SOURCES, GENERAL
- 470502 CONVENTIONAL ELECTRIC POWER GENERATION
- 470503 INDUSTRIAL NUCLEAR ENERGY
- 470504 PUMPING PLANTS
- 470599 STATIONARY ENERGY SOURCES, OTHER

**VEHICLE AND MOBILE EQUIPMENT MECHANICS AND REPAIRERS**

- 470601 VEHICLE AND MOBILE EQUIPMENT MECHANICS AND REPAIRERS, GENERAL
- 470602 AIRCRAFT MECHANICS
- 470603 AUTOMOTIVE BODY REPAIR
- 470604 AUTOMOTIVE MECHANICS
- 470605 DIESEL ENGINE MECHANICS

470606 SMALL ENGINE REPAIR  
 470699 VEHICLE AND MOBILE EQUIPMENT MECHANICS AND REPAIRERS, OTHER  
 MECHANICS AND REPAIRERS, OTHER  
 479999 MECHANICS AND REPAIRERS, OTHER

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PRECISION PRODUCTION

CIP CODE COURSE TITLE  
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DRAFTING

480101 DRAFTING, GENERAL  
 480102 ARCHITECTURAL DRAFTING  
 480103 CIVIL/STRUCTURAL DRAFTING  
 480104 ELECTRICAL/ELECTRONICS DRAFTING  
 480105 MECHANICAL DRAFTING  
 480199 DRAFTING, OTHER

GRAPHIC AND PRINTING COMMUNICATIONS

480201 GRAPHIC AND PRINTING COMMUNICATIONS, GENERAL  
 480202 BOOKBINDING  
 480203 COMMERCIAL ART  
 480204 COMMERCIAL PHOTOGRAPHY  
 480205 COMPOSITION, MAKE-UP, AND TYPESETTING  
 480206 LITHOGRAPHY, PHOTOGRAPHY, AND PLATE MAKING  
 480207 PHOTOGRAPHIC LABORATORY AND DARKROOM  
 480208 PRINTING PRESS OPERATIONS  
 480209 SILK SCREEN MAKING AND PRINTING  
 480299 GRAPHIC AND PRINTING COMMUNICATIONS, OTHER

LEATHERWORKING AND UPHOLSTERING

480301 LEATHERWORKING AND UPHOLSTERING, GENERAL  
 480302 SADDLEMAKING AND REPAIR  
 480303 UPHOLSTERING

480399 LEATHERWORKING AND UPHOLSTERING, OTHER  
PRECISION FOOD PRODUCTION  
480401 PRECISION FOOD PRODUCTION, GENERAL  
430402 MEATCUTTING  
480403 SLAUGHTERING AND BUTCHERING  
480499 PRECISION FOOD PRODUCTION, OTHER  
PRECISION METAL WORK  
480501 PRECISION METAL WORK, GENERAL  
480502 FOUNDRY WORK  
480503 MACHINE TOOL OPERATION/MACHINE SHOP  
480504 METAL FABRICATION  
480505 METAL PATTERNMAKING  
480506 SHEET METAL  
480507 TOOL AND DIE MAKING  
480508 WELDING, BRAZING, AND SOLDERING  
480599 PRECISION METAL WORK, OTHER  
PRECISION WORK, ASSORTED MATERIALS  
480601 INDUSTRIAL CERAMICS MANUFACTURING  
480602 JEWELRY DESIGN, FABRICATION, AND REPAIR  
480603 OPTICAL GOODS WORK  
480604 PLASTICS  
480699 PRECISION WORK, ASSORTED MATERIALS, OTHER  
WOODWORKING  
480701 WOODWORKING, GENERAL  
480702 FURNITURE MAKING  
480703 MILLWORK AND CABINET MAKING  
480799 WOODWORKING, OTHER

## PRECISION PRODUCTION, OTHER

489999 PRECISION PRODUCTION, OTHER

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## TRANSPORTATION AND MATERIAL MOVING

CIP CODE COURSE TITLE  
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## AIR TRANSPORTATION

490101 AIR TRANSPORTATION, GENERAL  
 490102 AIRPLANE PILOTING AND NAVIGATION  
 490103 AVIATION COMPUTER TECHNOLOGY  
 490104 AVIATION MANAGEMENT  
 490105 AIR TRAFFIC CONTROL  
 490106 FLIGHT ATTENDANTS  
 490199 AIR TRANSPORTATION, OTHER

## VEHICLE AND EQUIPMENT OPERATION

490201 VEHICLE AND EQUIPMENT OPERATION, GENERAL  
 490202 CONSTRUCTION EQUIPMENT OPERATION  
 490203 MATERIAL HANDLING  
 490204 MINING EQUIPMENT OPERATION  
 490205 TRUCK AND BUS DRIVING  
 490299 VEHICLE AND EQUIPMENT OPERATION, OTHER

## WATER TRANSPORTATION

490301 WATER TRANSPORTATION, GENERAL  
 490302 BARGE AND BOAT OPERATION  
 490303 COMMERCIAL FISHING OPERATION  
 490304 DEEP WATER DIVING AND LIFE SUPPORT SYSTEMS  
 490305 MARINA OPERATIONS  
 490306 MARINE MAINTENANCE  
 490307 MERCHANT MARINE OFFICERS  
 490308 SAILORS AND DECKHANDS

490399 WATER TRANSPORTATION, OTHER  
 TRANSPORTATION AND MATERIAL MOVING, OTHER  
 499999 TRANSPORTATION AND MATERIAL MOVING, OTHER

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VISUAL AND PERFORMING ARTS

CIP CODE COURSE TITLE  
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VISUAL AND PERFORMING ARTS, GENERAL

500101 VISUAL AND PERFORMING ARTS, GENERAL

CRAFTS

500201 CRAFTS, GENERAL

500202 CERAMICS

500203 ENAMELING

500204 FIBER/TEXTILES/WEAVING

500205 GLASS

500206 METAL/JEWELRY

500299 CRAFTS, OTHER

DANCE

500301 DANCE

DESIGN

500401 DESIGN, GENERAL

..... ENVIRONMENTAL DESIGN (SEE 040401)

..... FASHION DESIGN (SEE 190902)

500402 GRAPHIC DESIGN

500403 ILLUSTRATION DESIGN

500404 INDUSTRIAL DESIGN

..... INTERIOR DESIGN (SEE 040501)

..... MEDICAL ILLUSTRATING (SEE 170504)

500405 THEATRE DESIGN

500499 DESIGN, OTHER

# DRAMATIC ARTS

500501 DRAMATIC ARTS

## FILM ARTS

500601 FILM ARTS, GENERAL

500602 CINEMATOGRAPHY/FILM

500603 FILM ANIMATION

500604 HOLOGRAPHY

500605 PHOTOGRAPHY

500606 VIDEO

500699 FILM ARTS, OTHER

## FINE ARTS

500701 FINE ARTS, GENERAL

500702 ART CONSERVATION

..... ART EDUCATION (SEE 131302)

500703 ART HISTORY AND APPRECIATION

..... ART THERAPY (SEE 170801)

500704 ARTS MANAGEMENT

500705 DRAWING

500706 INTERMEDIA

500707 KINETICS

500708 PAINTING

500709 SCULPTURE

500799 FINE ARTS, OTHER

## GRAPHIC ARTS TECHNOLOGY

500801 GRAPHIC ARTS TECHNOLOGY

## MUSIC

500901 MUSIC, GENERAL

500902 MUSIC HISTORY AND APPRECIATION

500903 MUSIC PERFORMANCE



500904 MUSIC THEORY AND COMPOSITION

500999 MUSIC, OTHER

VISUAL AND PERFORMING ARTS, OTHER

509999 VISUAL AND PERFORMING ARTS, OTHER

## **APPENDIX E: Data File Record Layout**

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# HSB TRANSCRIPT SURVEY

## RECORD LAYOUT FOR STUDENT-LEVEL RAW DATA FILE

07/31/85

<u>VARIABLE</u> <u>NAME</u>	<u>DATA</u> <u>FORMAT</u>	<u>LOCATION</u> <u>START</u>	<u>END</u>
RECTYPE1	I1	1	1
STUID	I6	2	7
REQTRANS	I1	8	8
NUMTRANS	I1	9	9
TRANSFERS	I1	10	10
RCRED01	I3	11	13
RCRED02	I3	14	16
RCRED03	I3	17	19
RCRED04	I3	20	22
RCRED05	I3	23	25
RCRED06	I3	26	28
RCRED07	I3	29	31
RCRED08	I3	32	34
RCRED09	I3	35	37
RCRED10	I3	38	40
RCRED11	I3	41	43
RCRED12	I3	44	46
RCRED13	I3	47	49
RCRED14	I3	50	52
RCRED15	I3	53	55
RCRED16	I3	56	58
RCRED17	I3	59	61
RCRED18	I3	62	64
RCRED19	I3	65	67
RCRED20	I3	68	70
RCRED21	I3	71	73
RCRED22	I3	74	76
RCRED23	I3	77	79
RCRED24	I3	80	82
RCRED25	I3	83	85
RCRED26	I3	86	88
RCRED27	I3	89	91
RCRED28	I3	92	94
RCRED29	I3	95	97
RCRED30	I3	98	100
RCRED31	I3	101	103
RCRED32	I3	104	106
RCRED33	I3	107	109
RCRED34	I3	110	112
RCRED35	I3	113	115
RCRED36	I3	116	118
RCRED37	I3	119	121
RCRED38	I3	122	124
RCRED39	I3	125	127
RCRED40	I3	128	130
RCRED41	I3	131	133
RCRED42	I3	134	136
RCRED43	I3	137	139
RCRED44	I3	140	142
RCRED45	I3	143	145

# HSB TRANSCRIPT SURVEY

## RECORD LAYOUT FOR STUDENT-LEVEL RAW DATA FILE

07/31/85

VARIABLE NAME	DATA FORMAT	LOCATION	
		START	END
RCRED46	I3	146	148
RCRED47	I3	149	151
RCRED48	I3	152	154
RCRED49	I3	155	157
RCRED50	I3	158	160
RCRED99	I3	161	163
TCRED01	I3	164	166
TCRED02	I3	167	169
TCRED03	I3	170	172
TCRED04	I3	173	175
TCRED05	I3	176	178
TCRED06	I3	179	181
TCRED07	I3	182	184
TCRED08	I3	185	187
TCRED09	I3	188	190
TCRED10	I3	191	193
TCRED11	I3	194	196
TCRED12	I3	197	199
TCRED13	I3	200	202
TCRED14	I3	203	205
TCRED15	I3	206	208
TCRED16	I3	209	211
TCRED17	I3	212	214
TCRED18	I3	215	217
TCRED19	I3	218	220
TCRED20	I3	221	223
TCRED21	I3	224	226
TCRED22	I3	227	229
TCRED23	I3	230	232
TCRED24	I3	233	235
TCRED25	I3	236	238
TCRED26	I3	239	241
TCRED27	I3	242	244
TCRED28	I3	245	247
TCRED29	I3	248	250
TCRED30	I3	251	253
TCRED31	I3	254	256
TCRED32	I3	257	259
TCRED33	I3	260	262
TCRED34	I3	263	265
TCRED35	I3	266	268
TCRED36	I3	269	271
TCRED37	I3	272	274
TCRED38	I3	275	277
TCRED39	I3	278	280
TCRED40	I3	281	283
TCRED41	I3	284	286
TCRED42	I3	287	289
TCRED43	I3	290	292
TCRED44	I3	293	295

# HSB TRANSCRIPT SURVEY

## RECORD LAYOUT FOR STUDENT-LEVEL RAW DATA FILE

07/31/85

VARIABLE NAME	DATA FORMAT	LOCATION	
		START	END
TCRED45	I3	296	298
TCRED46	I3	299	301
TCRED47	I3	302	304
TCRED48	I3	305	307
TCRED49	I3	308	310
TCRED50	I3	311	313
TCRED99	I3	314	316
RACE2	F3.1	317	319
SEXCOMP	I1	320	320
SCHSAMP	I1	321	321
HSPROG	I1	322	322
PARTIC	I3	323	325
SCHREGN	I1	326	326
HSREGION	F3.1	327	329
HSURBAN	I1	330	330
BYSCHDAT	I1	331	331
BYTEST	F6.2	332	337
BYTESTQ	I1	338	338
BYSES	F6.2	339	344
BYSESQ	I1	345	345
HSGRADES	I1	346	346
RAWWT	F7.2	347	353
WT1	F7.2	354	360
WT2	F7.2	361	367
PSTSOC80	I1	368	368
CREDOC80	I3	369	371
PSTSFE81	I1	372	372
CREDFE81	I3	373	375
PSTSJU81	I1	376	376
CREDJU81	I3	377	379
PSTSOC81	I1	380	380
CREDOC81	I3	381	383
PSTSFE82	I1	384	384
CREDFE82	I3	385	387
PSTSJU82	I1	388	388
CREDJU82	I3	389	391
PSTSOC82	I1	392	392
CREDOC82	I3	393	395
PSTSFE83	I1	396	396
CREDFE83	I3	397	399
PSTSJU83	I1	400	400
CREDJU83	I3	401	403
PSTSOC83	I1	404	404
CREDOC83	I3	405	407
PSTSFE84	I1	408	408
CREDFE84	I3	409	411
PSTSJU84	I1	412	412
CREDJU84	I3	413	415

# HSB TRANSCRIPT SURVEY

## RECORD LAYOUT FOR TRANSCRIPT-LEVEL RAW DATA FILE

07/31/88

VARIABLE NAME	DATA FORMAT	LOCATION START	END
RECTYPE2	I1	1	1
STUID	I6	2	7
TRANENUM	I1	8	8
FICE	I6	9	14
TRANSFLAG	I1	15	15
TRANSFERT	I1	16	16
FINDISP	I1	17	17
PERREGION	I1	18	18
INSTYPE	I1	19	19
TERMS	I2	20	21
DEGREE1	I1	22	22
DEGNAME1	A7	23	29
GPA1	F7.3	30	36
HONORS1	I1	37	37
DEGMON1	I2	38	39
DEGYR1	I2	40	41
DEGREE2	I1	42	42
DEGNAME2	A7	43	49
GPA2	F7.3	50	56
HONORS2	I1	57	57
DEGMON2	I2	58	59
DEGYR2	I2	60	61
DEGREE3	I1	62	62
DEGNAME3	A7	63	69
GPA3	F7.3	70	76
HONORS3	I1	77	77
DEGMON3	I2	78	79
DEGYR3	I2	80	81
MAJCIP1	I6	82	87
MAJTEXT1	A25	88	112
MAJCIP2	I6	113	118
MAJTEXT2	A25	119	143
MAJCIP3	I6	144	149
MAJTEXT3	A25	150	174
MINCIP1	I6	175	180
MINTEXT1	A25	181	205
MINCIP2	I6	206	211
MINTEXT2	A25	212	236
MINCIP3	I6	237	242
MINTEXT3	A25	243	267
GENGPA	F7.3	268	274
TCREDA	I3	275	277
TCREDE	I3	278	280

# HSB TRANSCRIPT SURVEY

RECORD LAYOUT FOR TERM-LEVEL RAW DATA FILE

07/31/85

VARIABLE NAME	DATA FORMAT	LOCATION	
		<u>START</u>	<u>END</u>
RECTYPE3	I1	1	1
STUID	I6	2	7
TRANSNUM	I1	8	8
TERMNUM	I2	9	10
SORTDATE	I4	11	14
TRANSFER	I1	15	15
TERMTYPE	I1	16	16
COURSES	I2	17	18
STARTMON	I2	19	20
STARTYR	I2	21	22
ENDMON	I2	23	24
ENDYR	I2	25	26
SEASON	I1	27	27
GRADCODE	I1	28	28
PASSGRAD	I3	29	31
HIGHGRAD	I3	32	34
LOWGRAD	I3	35	37
MEMO	A25	38	62

# HSB TRANSCRIPT SURVEY

RECORD LAYOUT FOR COURSE-LEVEL RAW DATA FILE

07/31/85

<u>VARIABLE NAME</u>	<u>DATA FORMAT</u>	<u>LOCATION</u>	
		<u>START</u>	<u>END</u>
RECTYPE4	I1	1	1
STUID	I6	2	7
TRANSNUM	I1	8	8
TERMNUM	I2	9	10
CRSECIP	I6	11	16
CRSECRED	F7.3	17	23
CRSGRADA	A2	24	25
CRSGRADB	F7.3	26	32
GRADTYPE	I1	33	33
CRSENAME	A25	34	58



**APPENDIX F: Other High School and Beyond Data Files Available from NCES**

## Other High School and Beyond Data Files Available from NCES

### BASE YEAR FILES

#### Language File

The Language File contains information on each student who reported some non-English language experience either during childhood or at the time of the survey. This file contains 11,303 records (sophomores and seniors combined), with 42 variables for each student.

#### Parent File

The Parent File contains questionnaire responses from the parents of about 3,600 sophomores and 3,600 seniors who are on the Student File. Each record on the Parent File contains a total of 307 variables. Data on this file include parents' aspirations and plans for their childrens postsecondary education.

#### Twin and Sibling File

The Twin and Sibling File contains base year responses from sampled twins and triplets; augmented data on twins and triplets of sample members; and data from siblings in the sample. This file (2,718 records) includes all of the variables that are on the HS&B student file, plus two additional variables (family ID and SETTYPE--type of twin or sibling).

#### Teachers' Comments File

The Sophomore Teacher File contains responses from 14,103 teachers on 18,291 students from 616 schools. The Senior Teacher File contains responses from 13,683 teachers on 17,056 students from 611 schools. At each grade level, teachers had the opportunity to answer questions about HS&B-sampled students who had been in their classes. The typical student in the sample was rated by an average of four different teachers. Preliminary analyses by NCES indicate that the files contain approximately 76,000 teacher observations of sophomores and about 67,000 teacher observations of seniors.

#### Friends' File

The Friends' File contains identification numbers of students in the HS&B sample who were named as friends of other HS&B-sampled students. Each record contains the ID of sampled students and IDs of up to three friends. Linkages among friends can be used to investigate the sociometry of friendship structures, including reciprocity of choices among students in the sample, and for tracing friendship networks.

### MERGED BASE YEAR AND FIRST FOLLOW-UP FILES

#### Sophomore File

The First Follow-Up Sophomore File contains responses from 29,737 students and includes both base year and first follow-up data. This file includes information on school, family, work experiences, educational and occupational aspirations, personal values, and test scores of sample participants. Students are also classified as to high school status as of 1982 (i.e., dropouts, same school, transfer, or early graduate).

### **Senior File**

The First Follow-Up Senior File contains responses from 11,995 individuals and includes both base year and first follow-up data. This file includes information from respondents concerning their high school and postsecondary experiences and their work experiences.

### **OTHER FILES**

#### **Transcript File**

This file describes the coursetaking behavior of 15,941 sophomores of 1980 throughout their four years of high school. Data include a six-digit course number\* for each course taken, along with course credit, course grade, and year taken. Other items of information, such as grade point average, days absent, and standardized test scores, are also contained on the file.

#### **Offerings and Enrollments File**

This file contains school information, and course offerings and enrollments data, for 957 schools. Each course offered by a school is identified by a six-digit course number.\* Other information, such as credit offered by the school, is also contained on each record.

#### **Updated School File**

This file contains base year data (966 completed questionnaires) and first follow-up data (956 completed questionnaires) from the 1,015 participating schools in the HS&B sample. First follow-up data were requested only from those schools that were still in existence in spring 1982 and had members of the 1980 sophomore cohort currently enrolled. Each high school is represented by a single record that includes 230 data elements from the base year school questionnaire, if available, along with other information from sampling files (e.g., stratum codes, case weights).

\*Corresponds with descriptions in A Classification of Secondary School Courses (CSSC), developed by Evaluation Technologies, Inc., under contract with NCES, July 1982.

## **APPENDIX G: Sampling Errors and Design Effects**

## APPENDIX G

### Standard Errors and Design Effects Calculated for Base Year through Second Follow-up Survey Data

This appendix presents four sets of standard errors and design effects calculated on data from three HS&B survey waves. Table G-1 displays standard errors and design effects using the first follow-up questionnaire data and the first follow-up weights.

Table G-2 uses a subset of the students who were selected for participation in the first follow-up, namely, those who participated in the base year survey. It contains estimates computed from base year questionnaire data, using first follow-up raw weights adjusted for nonresponse in the base year.

Table G-3 utilizes only those students who participated in both the base year and the first follow-up survey. It presents the standard errors and design effects associated with the changes, between base year and first follow-up, in the proportion of 1980 seniors who had specified characteristics. The change estimates were calculated using individual change scores of members of the senior cohort who participated in both the base year and first follow-up, weighted by the first follow-up panel weight. Thus, the standard errors for these estimates take into account the correlation between base year and first follow-up responses.

Finally, table G-4 displays standard errors for 30 estimated percentages based upon second follow-up survey data, and second follow-up weights. Only ten of the thirty items presented in the preceding tables were included in the second follow-up survey questionnaire. Twenty additional items, representing estimated proportions of varying magnitudes, were added to this table.

All standard errors in the tables were calculated using the method of Balanced Repeated Replication (BRR). BRR employs a very simple algorithm: it divides the sample repeatedly into half-samples and compares the estimates obtained from each of the half-samples with the estimate obtained from the entire sample. The differences between half-sample and entire sample estimates are used to estimate the standard error. BRR is described in more detail in the sample design reports for the first and second follow-up surveys (available from CS).

In addition to standard errors, all four tables give the design effect for each estimate (DEFF) and the square root of each design effect (DEFT). The design effect is a measure of the efficiency of the sample estimate relative to a simple random sample of equal size. It is defined as the ratio of the actual variance of an estimate (i.e., the square of the standard error given in the table) to the variance of the same estimate from a simple random sample with the same number of cases. For proportions, the simple random sample variance is just

$$\text{VAR(SRS)} = p(1 - p)/n \quad (1)$$

in which

$p$  = the estimated proportion

and

$n$  = the number of cases with non-missing data

Like almost all national samples, the High School and Beyond sample is not a simple random sample. The High School and Beyond sample departs from the model of simple random sampling in three major respects: the observations are clustered at the school level, major groups (such as students who attended private schools) are deliberately represented disproportionately, and the sample is stratified by type of school. Each of these departures

from simple random sampling has a predictable effect on efficiency, which is reflected in the design effect.

Table G-1 shows that the mean design effect for the 30 proportions is 2.64. This is very close to the mean (2.69) found for the base year survey using Taylor series estimation procedures rather than BRR. The sample of seniors for the follow-ups differs from the base year senior sample in several key respects. First of all, the sample is much smaller (11,995 selected cases versus 34,982), which means that the average cluster size (selections per school) is much smaller. Reducing the cluster size should increase the efficiency of the sample. On the other hand, the first follow-up sample of seniors represents some population subgroups even more disproportionately than did the base year sample; this greater disproportionality decreases the efficiency of the follow-up sample by introducing additional variability into the weights. Apparently, the effects of the reduced cluster size and the increased disproportionality offset each other--the base year and the follow-up samples exhibit very similar mean design effects.

Table G-2 displays estimates for the base year senior sample using only data from base year participants who were selected for the first follow-up sample. The questionnaire items in table G-2 are identical to those in table G-1 but the estimated proportions and standard errors are based on responses to these items in the base year senior questionnaire. For the most part, these items were repeated verbatim in the first follow-up questionnaire; three of them, however, had an additional response option in the first follow-up questionnaire. As table G-2 shows, the mean design effect is 2.73, a value that differs little from the analogous figure calculated during the base year. Once again, the reduced cluster size for

the follow-up sample seems to have offset the effect of increased oversampling on the overall efficiency of the sample.

Table G-3 shows standard errors and design effects for thirty change statistics. The change statistics were computed by taking the weighted mean of the changes shown by each respondent who participated in both the base year and first follow-up surveys. The standard errors (and design effects) thus reflect the fact that whether a respondent was, for example, hard of hearing during the base year is correlated with his or her being hard of hearing during the first follow-up. The change estimates are directional: a negative estimate indicates that fewer respondents fell into the category of interest (e.g., hard of hearing) during the follow-up survey; a positive estimate indicates that more respondents fell into the category. The mean design effect in table G-3 is lower than those for tables G-1 and G-2 (2.20 vs. 2.64 and 2.75). This probably reflects the fact that more complex statistical estimates (such as change estimates, correlation or regression coefficients) generally exhibit smaller design effects than simple estimates.

Table G-4 contains the estimated percentages, standard errors, DEFFs and DEFTs for 30 survey items or composite variables from the second follow-up survey. Although the mean root design effect (1.68) appears to be slightly larger than those observed for the base year and first follow-up, the variability of the design effects appears to be somewhat smaller than for either of the previous survey waves. The use of a generalized design effect to inflate standard errors computed via simple random sample formulas remains at least as appropriate for second follow-up data as for prior waves.



Table G-1

Standard Errors and Design Effects Associated with Estimated Proportions of First Follow-Up Seniors Who Had Specified Characteristics, Using First Follow-Up Weights

Statistic	Item Number <sup>a</sup>	Estimate <sup>**</sup>	SE	DEFF	DEFT
Hard of hearing	85-c	.812	.881	.898	.943
Having leisure time not important	85-l	.813	.881	.882	.896
Have physical handicap	84	.878	.883	1.487	1.228
Have little to be proud of	75-l	.887	.884	2.885	1.444
Expect to have no children	61	.898	.884	1.888	1.371
Two or more siblings in high school	73	.899	.883	1.879	1.839
Good luck more important than hard work	75-b	.188	.884	1.882	1.342
Expect to get married	15-a	.187	.886	3.963	1.991
Expect to finish full-time education	13-e	.136	.886	3.182	1.782
Mother finished college	21	.142	.889	7.161	2.676
Believe plans hardly ever work out	75-f	.143	.883	2.858	1.433
Having lots of money not important	85-c	.147	.884	1.362	1.167
Current job is place where people goof off	25-a	.182	.886	1.906	1.381
Believe someone or something prevents success	75-e	.216	.886	2.111	1.453
Father finished college	28	.227	.888	5.918	2.433
Planning professional career	16-a	.268	.886	2.864	1.437
Sibling in college	72	.372	.887	2.244	1.498
Have started first job	15-c	.428	.887	3.483	1.866
Important to be a leader in community	85-f	.465	.887	2.884	1.444
Plan to finish college	12	.486	.881	4.612	2.148
Expect first child by age 25	15-b	.489	.888	4.182	2.823
Work more enjoyable than school	25-b	.513	.888	2.811	1.418
Would be satisfied with less than college ed.	13	.629	.881	5.291	2.388
Working to correct inequalities important	85-j	.678	.887	2.343	1.531
Watch more than one hour of TV per day	76	.778	.887	5.167	1.788
Career success important	85-a	.829	.885	1.898	1.373
Job encourages good work habits	25-c	.858	.885	1.884	1.343
Have ability to finish college	14	.867	.885	2.333	1.533
Expect to have own home or apt. by age 24	15-d	.916	.884	2.283	1.484
Have a positive attitude toward self	75-a	.949	.885	1.923	1.387
MEAN				2.642	1.571
MINIMUM				.882	.896
MAXIMUM				7.161	2.676
STANDARD DEVIATION				1.499	.423

<sup>a</sup>First follow-up questionnaire number

<sup>\*\*</sup>See appendix E for the coding scheme used to define the categories for these estimates.

Table G-2

Standard Errors and Design Effects Associated with Estimated Proportions of First Follow-Up Seniors Who Had Specified Characteristics, Using Base Year Weights

Statistic	Item Number <sup>a</sup>	Estimate <sup>**</sup>	SE	DEFF	DEFT
Hard of hearing	BB067C	.818	.002	2.484	1.551
Having leisure time not important	BB057L	.821	.002	2.184	1.478
Have physical handicap	BB068	.854	.003	1.932	1.598
Have little to be proud of	BB058L	.116	.005	2.563	1.681
Expect to have no children	BB062	.098	.005	3.837	1.743
Two or more siblings in high school	BB099	.141	.005	2.222	1.491
Good luck more important than hard work	BB058B	.121	.004	1.973	1.234
Expect to get married	BB081A	.818	.002	4.388	2.874
Expect to finish full-time education	BB081E	.813	.001	8.844	8.919
Mother finished college	BB042	.148	.008	4.915	2.217
Believe plans hardly ever work out	BB058F	.188	.006	2.434	1.568
Having lots of money not important	BB057C	.116	.005	2.718	1.646
Current job is place where people goof off	BB027A	.169	.005	1.667	1.291
Believe someone or something prevents success	BB058E	.236	.007	2.763	1.662
Father finished college	BB039	.245	.011	5.461	2.337
Planning professional career	BB062	.269	.005	1.998	1.179
Sibling in college	BB098	.314	.007	2.443	1.563
Have started first job	BB081C	.178	.005	1.868	1.367
Important to be a leader in community	BB057F	.518	.008	2.815	1.678
Plan to finish college	BB065	.457	.009	3.646	1.989
Expect first child by age 25	BB081B	.523	.018	4.151	2.838
Work more enjoyable than school	BB027C	.515	.007	1.858	1.368
Would be satisfied with less than college ed.	BB067	.713	.009	4.329	2.881
Working to correct inequalities important	BB057J	.618	.008	2.969	1.723
Watch more than one hour of TV per day	BB048	.848	.006	3.158	1.775
Career success important	BB057A	.888	.004	1.695	1.382
Job encourages good work habits	BB027D	.787	.006	2.184	1.458
Have ability to finish college	BB069	.883	.005	1.744	1.321
Expect to have own home or apt. by age 24	BB081D	.913	.004	2.123	1.457
Have a positive attitude toward self	BB058A	.988	.006	4.564	2.136
MEAN				2.728	1.618
MINIMUM				8.844	8.919
MAXIMUM				5.461	2.337
STANDARD DEVIATION				1.136	8.336

<sup>a</sup>Base year SPSS variable name

<sup>\*\*</sup>See appendix E for the coding scheme used to define the categories for these estimates.

Table G-3

Standard Errors and Design Effects Associated with Changes  
(between Base Year and First Follow-Up) in the Proportion of  
First Follow-Up Seniors Who Had Specified Characteristics

Statistic	Change Estimate*	SE	DEFF	DEFT
Hard of hearing	-.886	.882	2.868	1.435
Having leisure time not important	-.889	.882	1.488	1.187
Have physical handicap	+.815	.885	2.435	1.568
Have little to be proud of	-.829	.885	1.528	1.233
Expect to have no children	-.884	.885	1.978	1.487
Two or more siblings in high school	-.843	.885	1.844	1.358
Good luck more important than hard work	-.822	.885	1.588	1.268
Expect to get married	+.895	.885	2.676	1.636
Expect to finish full-time education	+.116	.885	1.949	1.396
Mother finished college	-.881	.884	2.988	1.729
Believe plans hardly ever work out	-.847	.886	1.578	1.256
Having lots of money not important	+.834	.888	4.178	2.844
Current job is place where people goof off	+.815	.888	1.693	1.381
Believe someone or something prevents success	-.826	.888	2.316	1.522
Father finished college	+.882	.884	2.894	1.781
Planning professional career	-.818	.886	1.395	1.181
Sibling in college	+.867	.818	3.323	1.823
Have started first job	+.247	.888	1.977	1.486
Important to be a leader in community	-.848	.888	2.155	1.468
Plan to finish college	-.885	.886	1.998	1.414
Expect first child by age 25	-.832	.887	1.433	1.197
Work more enjoyable than school	-.818	.818	1.653	8.126
Would be satisfied with less than college ed.	-.879	.886	1.728	1.312
Working to correct inequalities important	+.862	.818	2.915	1.787
Watch more than one hour of TV per day	-.871	.887	2.287	1.486
Career success important	-.847	.887	2.613	1.617
Job encourages good work habits	+.868	.888	1.892	1.376
Have ability to finish college	+.866	.886	2.354	1.534
Expect to have own home or apt. by age 24	+.883	.886	2.698	1.648
Have a positive attitude toward self	+.843	.885	2.415	1.554
MEAN			2.195	1.468
MINIMUM			1.395	1.181
MAXIMUM			4.178	2.844
STANDARD DEVIATION			8.648	8.287

\*See appendix E for the coding scheme used to define the categories for these estimates.

Table G-4

Estimated Percentages, Standard Errors and Design Effects  
in the Percentages of the Second Follow-Up Seniors  
Who Had Specified Characteristics (Weight=FU2WT)

Statistic	Item Number	Estimate	SE	DEFF	DEFT
Working full time, Feb '84	SE3A	65.49	0.61	1.88	1.34
Taking academic courses, Feb '84	SE3C	72.63	0.88	3.84	1.96
Looking for work, Feb '84	SE3I	6.45	0.37	2.47	1.57
Currently married	SE57	24.17	0.77	3.52	1.88
Have one or more children	SE66	16.68	0.72	3.65	1.91
Expect to have 3 or more children	SE65	34.18	0.77	2.76	1.66
Have served on military active duty	SE44	6.86	0.31	1.64	1.28
If in PSE '82-'84: Earned no degree	SE181,J-281,J	68.46	0.92	2.46	1.57
If in PSE '82-'84: Earned vocational degree	SE181,J-281,J	1.62	0.25	2.72	1.65
If in PSE '82-'84: Earned 4-Year college degree	SE181,J-281,J	18.94	0.74	3.98	1.98
Enrolled in postsecondary education, Oct '82	PSESOC82	42.82	0.97	4.16	2.84
Enrolled in postsecondary education, Oct '83	PSESOC83	39.21	0.97	4.27	2.87
If employed: In clerical occupation, Oct '83	SE47A-58A	27.24	1.88	2.18	1.48
Employed, Oct '83	JOBSOC83	73.92	0.63	2.21	1.49
Have used pocket calculator	SE9A2-A4	91.88	0.31	1.36	1.17
Have used computer terminal	SE9B2-B4	55.78	0.97	3.85	1.96
Have used mainframe computer	SE9E2-E4	29.86	0.73	2.49	1.58
Have used video tape recorder	SE9F2-F4	54.75	0.92	3.39	1.84
Have used audio cassette deck	SE9H2-H4	89.88	0.52	2.84	1.69
Have used word processor	SE9I2-I4	12.55	0.52	2.58	1.68
Currently registered to vote	SE78	66.38	0.85	3.43	1.85
Have voted in election within last two years	SE71	46.88	0.88	3.28	1.81
Being successful in job very important	SE72A	82.88	0.55	2.17	1.47
Marrying the right person very important	SE72B	88.32	0.44	1.98	1.41
Having lots of money very important	SE72C	26.88	0.77	3.24	1.88
Being community leader very important	SE72F	18.21	0.44	2.22	1.49
Better opportunities for children very important	SE72G	67.85	0.84	3.34	1.83
Correcting inequalities very important	SE72J	13.83	0.46	1.87	1.37
Having children very important	SE72K	49.69	0.92	3.57	1.89
Having leisure time very important	SE72L	73.93	0.72	2.84	1.69
MEAN				2.87	1.68
MINIMUM				1.36	1.17
MAXIMUM				4.27	2.87
STANDARD DEVIATION				0.78	0.24

## **APPENDIX H. Frequency Distributions**

**Frequency Distributions for Student-level Variables (p. 292)**  
**Frequency Distributions for Transcript-Level Variables (p. 326)**  
**Frequency Distributions for Term-Level Variables (p. 422)**  
**Frequency Distributions for Course-level Variables (p. 429)**

## STUDENT-LEVEL FILE FREQUENCIES

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CREDOC80	CREDITS THRU 10-80			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0	5727	5727	73.650	73.650
1	28	5755	0.360	74.010
2	20	5775	0.257	74.267
3	98	5873	1.260	75.527
4	57	5930	0.733	76.260
5	29	5959	0.373	76.633
6	95	6054	1.222	77.855
7	38	6092	0.489	78.344
8	24	6116	0.309	78.652
9	42	6158	0.540	79.192
10	18	6176	0.231	79.424
11	9	6185	0.116	79.540
12	21	6206	0.270	79.810
13	12	6218	0.154	79.964
14	7	6225	0.090	80.054
15	11	6236	0.141	80.195
16	19	6255	0.244	80.440
17	8	6263	0.103	80.543
18	5	6268	0.064	80.607
19	1	6269	0.013	80.620
20	3	6272	0.039	80.658
21	4	6276	0.051	80.710
22	1	6277	0.013	80.723
23	2	6279	0.026	80.748
24	2	6281	0.026	80.774
25	1	6282	0.013	80.787
26	2	6284	0.026	80.813
27	2	6286	0.026	80.838
28	2	6288	0.026	80.864
29	1	6289	0.013	80.877
30	4	6293	0.051	80.928
31	2	6295	0.026	80.954
32	1	6296	0.013	80.967
35	1	6297	0.013	80.980
37	1	6298	0.013	80.993
40	1	6299	0.013	81.006
41	1	6300	0.013	81.019
45	1	6301	0.013	81.031
50	1	6302	0.013	81.044
53	1	6303	0.013	81.057
*MISS/NO CR	1473	7776	18.943	100.000

## STUDENT-LEVEL FILE FREQUENCIES

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CREDFE81	CREDITS THRU 2-81			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0	1350	1350	17.361	17.361
1	47	1397	0.604	17.966
2	41	1438	0.527	18.493
3	180	1618	2.315	20.808
4	136	1754	1.749	22.557
5	89	1843	1.145	23.701
6	164	2007	2.109	25.810
7	118	2125	1.517	27.328
8	148	2273	1.903	29.231
9	246	2519	3.164	32.395
10	225	2744	2.894	35.288
11	179	2923	2.302	37.590
12	529	3452	6.803	44.393
13	425	3877	5.466	49.859
14	389	4266	5.003	54.861
15	608	4874	7.819	62.680
16	595	5469	7.652	70.332
17	296	5765	3.807	74.138
18	172	5937	2.212	76.350
19	73	6010	0.939	77.289
20	51	6061	0.656	77.945
21	39	6100	0.502	78.447
22	35	6135	0.450	78.897
23	18	6153	0.231	79.128
24	22	6175	0.283	79.411
25	15	6190	0.193	79.604
26	23	6213	0.296	79.900
27	8	6221	0.103	80.003
28	11	6232	0.141	80.144
29	5	6237	0.064	80.208
30	19	6256	0.244	80.453
31	6	6262	0.077	80.530
32	8	6270	0.103	80.633
33	3	6273	0.039	80.671
34	1	6274	0.013	80.684
35	3	6277	0.039	80.723
36	4	6281	0.051	80.774
37	2	6283	0.026	80.800
38	3	6286	0.039	80.838
39	3	6289	0.039	80.877
40	1	6290	0.013	80.890
41	1	6291	0.013	80.903
42	2	6293	0.026	80.928
44	1	6294	0.013	80.941
45	1	6295	0.013	80.954
47	1	6296	0.013	80.967
49	1	6297	0.013	80.980
50	1	6298	0.013	80.993
51	1	6299	0.013	81.006
53	1	6300	0.013	81.019
56	1	6301	0.013	81.031
57	1	6302	0.013	81.044
88	1	6303	0.013	81.057
'MISS/NO CR	1473	7776	18.943	100.000

CREDJ081	CREDITS THRU 7-81			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0	973	973	12.513	12.513
1	34	1007	0.437	12.950
2	31	1038	0.399	13.349
3	103	1141	1.325	14.673
4	64	1205	0.823	15.496
5	39	1244	0.502	15.998
6	108	1352	1.389	17.387
7	73	1425	0.939	18.326
8	105	1530	1.350	19.676
9	135	1665	1.736	21.412
10	90	1755	1.157	22.569
11	63	1818	0.810	23.380
12	132	1950	1.698	25.077
13	97	2047	1.247	26.325
14	73	2120	0.939	27.263
15	108	2229	1.402	28.665
16	100	2329	1.286	29.951
17	73	2402	0.939	30.890
18	98	2500	1.260	32.150
19	82	2582	1.055	33.205
20	98	2680	1.260	34.465
21	132	2812	1.698	36.163
22	104	2916	1.337	37.500
23	122	3038	1.569	39.069
24	191	3229	2.456	41.525
25	187	3416	2.405	43.930
26	178	3594	2.289	46.219
27	232	3826	2.984	49.203
28	228	4054	2.932	52.135
29	221	4275	2.842	54.977
30	302	4577	3.884	58.861
31	229	4806	2.945	61.806
32	274	5080	3.524	65.329
33	154	5234	1.980	67.310
34	126	5360	1.620	68.930
35	92	5452	1.183	70.113
36	121	5573	1.556	71.669
37	47	5620	0.604	72.274
38	61	5681	0.784	73.058
39	38	5719	0.489	73.547
40	65	5784	0.836	74.383
41	39	5823	0.502	74.884
42	48	5871	0.617	75.502
43	35	5906	0.450	75.952
44	48	5954	0.617	76.569
45	57	6011	0.733	77.302
46	38	6049	0.489	77.791
47	38	6087	0.489	78.279
48	38	6125	0.489	78.768
49	26	6151	0.334	79.102
50	27	6178	0.347	79.450
51	23	6201	0.296	79.745
52	16	6217	0.206	79.951
53	12	6229	0.154	80.105



## STUDENT-LEVEL FILE FREQUENCIES

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CREDJUB1	CREDITS THRU 7-81			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
54	10	6239	0.129	80.234
55	10	6249	0.129	80.363
56	8	6257	0.103	80.466
57	2	6259	0.026	80.491
58	3	6262	0.039	80.530
59	3	6265	0.039	80.568
60	6	6271	0.077	80.646
61	3	6274	0.039	80.684
62	4	6278	0.051	80.736
63	2	6280	0.026	80.761
64	2	6282	0.026	80.787
65	1	6283	0.013	80.800
66	3	6286	0.039	80.838
67	2	6288	0.026	80.864
70	2	6290	0.026	80.890
73	2	6292	0.026	80.916
74	1	6293	0.013	80.928
75	1	6294	0.013	80.941
76	1	6295	0.013	80.954
78	1	6296	0.013	80.967
80	1	6297	0.013	80.980
81	1	6298	0.013	80.993
83	1	6299	0.013	81.006
84	1	6300	0.013	81.019
88	1	6301	0.013	81.031
93	1	6302	0.013	81.044
94	1	6303	0.013	81.057
*MISS/NO CR	1473	7776	18.943	100.000

CREDOC81	CREDITS THRU 10-81			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0	924	924	11.883	11.883
1	35	959	0.450	12.333
2	31	990	0.399	12.731
3	111	1101	1.427	14.159
4	70	1171	0.900	15.059
5	38	1209	0.489	15.548
6	106	1315	1.363	16.911
7	71	1386	0.913	17.824
8	101	1487	1.299	19.123
9	127	1614	1.633	20.756
10	84	1698	1.080	21.836
11	66	1764	0.849	22.685
12	138	1902	1.775	24.460
13	91	1993	1.170	25.630
14	61	2054	0.784	26.415
15	108	2162	1.389	27.803
16	89	2251	1.145	28.948
17	74	2325	0.952	29.900
18	83	2408	1.067	30.967
19	82	2490	1.055	32.022
20	92	2582	1.183	33.205
21	124	2706	1.595	34.799
22	92	2798	1.183	35.983
23	115	2913	1.479	37.461
24	177	3090	2.276	39.738
25	174	3264	2.238	41.975
26	162	3426	2.083	44.059
27	214	3640	2.752	46.811
28	219	3859	2.816	49.627
29	197	4056	2.533	52.160
30	279	4335	3.588	55.748
31	220	4555	2.829	58.578
32	262	4817	3.369	61.947
33	168	4985	2.160	64.108
34	142	5127	1.826	65.934
35	99	5226	1.273	67.207
36	129	5355	1.659	68.866
37	60	5415	0.772	69.637
38	78	5493	1.003	70.640
39	60	5553	0.772	71.412
40	86	5639	1.106	72.518
41	58	5697	0.746	73.264
42	59	5756	0.759	74.023
43	48	5804	0.617	74.640
44	48	5852	0.617	75.257
45	59	5911	0.759	76.016
46	43	5954	0.553	76.569
47	45	5999	0.579	77.148
48	50	6049	0.643	77.791
49	32	6081	0.412	78.202
50	32	6113	0.412	78.614
51	26	6139	0.334	78.948
52	18	6157	0.231	79.180
53	15	6172	0.193	79.372

		CREDITS THRU 10-81			
CREDOC81	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT	
54	13	6185	0.167	79.540	
55	16	6201	0.206	79.745	
56	12	6213	0.154	79.900	
57	5	6218	0.064	79.964	
58	7	6225	0.090	80.054	
59	9	6234	0.116	80.170	
60	10	6244	0.129	80.298	
61	2	6246	0.026	80.324	
62	3	6249	0.039	80.363	
63	3	6252	0.039	80.401	
64	7	6259	0.090	80.491	
65	5	6264	0.064	80.556	
66	3	6267	0.039	80.594	
67	4	6271	0.051	80.646	
68	1	6272	0.013	80.658	
69	2	6274	0.026	80.684	
70	5	6279	0.064	80.748	
73	2	6281	0.026	80.774	
74	3	6284	0.039	80.813	
76	1	6285	0.013	80.826	
79	1	6286	0.013	80.838	
80	2	6288	0.026	80.864	
81	1	6289	0.013	80.877	
82	1	6290	0.013	80.890	
83	3	6293	0.039	80.928	
85	2	6295	0.026	80.954	
86	1	6296	0.013	80.967	
88	2	6298	0.026	80.993	
93	1	6299	0.013	81.006	
94	2	6301	0.026	81.031	
95	1	6302	0.013	81.044	
100	1	6303	0.013	81.057	
*MISS/NO CR	1473	7776	18.943	100.000	

CREDITS THRU 2-82				
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0	572	572	7.356	7.356
1	35	607	0.450	7.806
2	31	638	0.399	8.205
3	121	759	1.556	9.761
4	71	830	0.913	10.674
5	45	875	0.579	11.253
6	103	978	1.325	12.577
7	57	1035	0.733	13.310
8	63	1098	0.810	14.120
9	96	1194	1.235	15.355
10	77	1271	0.990	16.345
11	60	1331	0.772	17.117
12	158	1489	2.032	19.149
13	95	1584	1.222	20.370
14	63	1647	0.810	21.181
15	105	1752	1.350	22.531
16	107	1859	1.376	23.907
17	65	1924	0.836	24.743
18	65	1989	0.836	25.579
19	65	2054	0.836	26.415
20	69	2123	0.887	27.302
21	72	2195	0.926	28.228
22	58	2253	0.746	28.974
23	62	2315	0.797	29.771
24	79	2394	1.016	30.787
25	67	2461	0.862	31.649
26	67	2528	0.862	32.510
27	79	2607	1.016	33.526
28	86	2693	1.106	34.632
29	86	2779	1.106	35.738
30	80	2859	1.029	36.767
31	77	2936	0.990	37.757
32	90	3026	1.157	38.915
33	86	3112	1.106	40.021
34	89	3201	1.145	41.165
35	83	3284	1.067	42.233
36	123	3407	1.582	43.814
37	104	3511	1.337	45.152
38	105	3616	1.350	46.502
39	119	3735	1.530	48.032
40	116	3851	1.492	49.524
41	141	3992	1.813	51.337
42	137	4129	1.752	53.089
43	145	4274	1.865	54.964
44	173	4447	2.225	57.189
45	183	4630	2.353	59.542
46	158	4788	2.032	61.574
47	149	4937	1.916	63.490
48	190	5127	2.443	65.934
49	109	5236	1.402	67.335
50	121	5357	1.556	68.891
51	89	5446	1.145	70.036
52	70	5516	0.900	70.936
53	52	5568	0.669	71.605

## STUDENT-LEVEL FILE FREQUENCIES

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CREDFE82	CREDITS THRU 2-82			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
54	77	5645	0.990	72.595
55	71	5716	0.913	73.508
56	62	5778	0.797	74.306
57	43	5821	0.553	74.859
58	33	5854	0.424	75.283
59	45	5899	0.579	75.862
60	50	5949	0.643	76.505
61	34	5983	0.437	76.942
62	35	6018	0.450	77.392
63	31	6049	0.399	77.791
64	32	6081	0.412	78.202
65	23	6104	0.296	78.498
66	23	6127	0.296	78.794
67	22	6149	0.283	79.077
68	18	6167	0.231	79.308
69	12	6179	0.154	79.462
70	14	6193	0.180	79.642
71	7	6200	0.090	79.733
72	9	6209	0.116	79.848
73	5	6214	0.064	79.913
74	6	6220	0.077	79.990
75	7	6227	0.090	80.080
76	6	6233	0.077	80.157
77	3	6236	0.039	80.195
78	4	6240	0.051	80.247
80	9	6249	0.116	80.363
81	3	6252	0.039	80.401
82	3	6255	0.039	80.440
83	5	6260	0.064	80.504
84	3	6263	0.039	80.543
85	3	6266	0.039	80.581
86	3	6269	0.039	80.620
88	4	6273	0.051	80.671
89	2	6275	0.026	80.697
90	2	6277	0.026	80.723
92	2	6279	0.026	80.748
94	5	6284	0.064	80.813
96	3	6287	0.039	80.851
97	1	6288	0.013	80.864
98	1	6289	0.013	80.877
100	2	6291	0.026	80.903
102	1	6292	0.013	80.916
104	1	6293	0.013	80.928
105	3	6296	0.039	80.967
111	1	6297	0.013	80.980
113	1	6298	0.013	80.993
114	1	6299	0.013	81.006
118	1	6300	0.013	81.019
130	1	6301	0.013	81.031
135	2	6303	0.026	81.057
*MISS/NO CR	1473	7776	18.943	100.000

CREDJU82	CREDITS THRU 7-82			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0	419	419	5.388	5.388
1	33	452	0.424	5.813
2	32	484	0.412	6.224
3	117	601	1.505	7.729
4	67	668	0.862	8.591
5	41	709	0.527	9.118
6	101	810	1.299	10.417
7	50	860	0.643	11.060
8	53	913	0.682	11.741
9	92	1005	1.183	12.924
10	48	1053	0.617	13.542
11	41	1094	0.527	14.069
12	103	1197	1.325	15.394
13	66	1263	0.849	16.242
14	49	1312	0.630	16.872
15	83	1395	1.067	17.940
16	86	1481	1.106	19.046
17	66	1547	0.849	19.895
18	71	1618	0.913	20.808
19	61	1679	0.784	21.592
20	60	1739	0.772	22.364
21	72	1811	0.926	23.290
22	65	1876	0.836	24.126
23	49	1925	0.630	24.756
24	70	1995	0.900	25.656
25	60	2055	0.772	26.427
26	50	2105	0.643	27.070
27	56	2161	0.720	27.791
28	69	2230	0.887	28.678
29	67	2297	0.862	29.540
30	75	2372	0.965	30.504
31	57	2429	0.733	31.237
32	64	2493	0.823	32.060
33	46	2539	0.592	32.652
34	54	2593	0.694	33.346
35	61	2654	0.784	34.131
36	68	2722	0.874	35.005
37	57	2779	0.733	35.738
38	53	2832	0.682	36.420
39	52	2884	0.669	37.088
40	70	2954	0.900	37.989
41	78	3032	1.003	38.992
42	60	3092	0.772	39.763
43	56	3148	0.720	40.484
44	58	3206	0.746	41.229
45	77	3283	0.990	42.220
46	81	3364	1.042	43.261
47	82	3446	1.055	44.316
48	98	3544	1.260	45.576
49	78	3622	1.003	46.579
50	69	3691	0.887	47.467
51	79	3770	1.016	48.483
52	80	3850	1.029	49.511
53	75	3925	0.965	50.476

## STUDENT-LEVEL FILE FREQUENCIES

ID :01 THURSDAY, AUGUST 15, 1985 257

CREDJUB2	CREDITS THRU 7-82			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
54	95	4020	1.222	51.698
55	94	4114	1.209	52.906
56	108	4222	1.389	54.295
57	113	4335	1.453	55.748
58	102	4437	1.312	57.060
59	106	4543	1.363	58.423
60	140	4683	1.800	60.224
61	137	4820	1.762	61.986
62	113	4933	1.453	63.439
63	144	5077	1.852	65.291
64	109	5186	1.402	66.692
65	87	5273	1.119	67.811
66	64	5337	0.823	68.634
67	71	5408	0.913	69.547
68	70	5478	0.900	70.448
69	47	5525	0.604	71.052
70	39	5564	0.502	71.553
71	39	5603	0.502	72.055
72	49	5652	0.630	72.685
73	27	5679	0.347	73.032
74	42	5721	0.540	73.573
75	25	5746	0.322	73.894
76	29	5775	0.373	74.267
77	23	5798	0.296	74.563
78	20	5818	0.257	74.820
79	11	5829	0.141	74.961
80	32	5861	0.412	75.373
81	20	5881	0.257	75.630
82	16	5897	0.206	75.836
83	28	5925	0.360	76.196
84	24	5949	0.309	76.505
85	22	5971	0.283	76.788
86	20	5991	0.257	77.045
87	21	6012	0.270	77.315
88	23	6035	0.296	77.611
89	16	6051	0.206	77.816
90	29	6080	0.373	78.189
91	15	6095	0.193	78.382
92	10	6105	0.129	78.511
93	16	6121	0.206	78.717
94	13	6134	0.167	78.884
95	11	6145	0.141	79.025
96	16	6161	0.206	79.231
97	10	6171	0.129	79.360
98	12	6183	0.154	79.514
99	13	6196	0.167	79.681
100	8	6204	0.103	79.784
101	9	6213	0.116	79.900
102	8	6221	0.103	80.003
103	13	6234	0.167	80.170
104	3	6237	0.039	80.208
105	2	6239	0.026	80.234
106	7	6246	0.090	80.324
107	2	6248	0.026	80.350
108	4	6252	0.051	80.401

## STUDENT-LEVEL FILE FREQUENCIES

10:32 THURSDAY, AUGUST 18, 1988 258

CRED-JUG2	CREDITS THRU 7-82			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
108	2	6254	0.026	80.427
110	1	6255	0.013	80.440
111	4	6259	0.051	80.491
112	3	6262	0.039	80.530
113	2	6264	0.026	80.556
114	1	6265	0.013	80.568
115	1	6266	0.013	80.581
116	1	6267	0.013	80.594
117	1	6268	0.013	80.607
118	2	6270	0.026	80.633
119	3	6273	0.039	80.671
120	3	6276	0.039	80.710
121	1	6277	0.013	80.723
122	1	6278	0.013	80.736
123	1	6279	0.013	80.748
124	2	6281	0.026	80.774
125	1	6282	0.013	80.787
126	3	6285	0.039	80.826
128	2	6287	0.026	80.851
130	3	6290	0.039	80.890
132	1	6291	0.013	80.903
134	1	6292	0.013	80.916
136	1	6293	0.013	80.928
141	2	6295	0.026	80.954
145	1	6296	0.013	80.967
147	1	6297	0.013	80.980
154	1	6298	0.013	80.993
161	1	6299	0.013	81.006
165	1	6300	0.013	81.019
167	1	6301	0.013	81.031
170	1	6302	0.013	81.044
176	1	6303	0.013	81.057
*MISS/NO CR	1473	7776	18.843	100.000



CREDOC82	CREDITS THRU 10-82			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0	398	398	5.118	5.118
1	35	433	0.450	5.568
2	34	467	0.437	6.006
3	121	588	1.556	7.562
4	68	656	0.874	8.436
5	38	694	0.489	8.925
6	102	796	1.312	10.237
7	53	849	0.682	10.918
8	51	900	0.656	11.574
9	90	990	1.157	12.731
10	50	1040	0.643	13.374
11	42	1082	0.540	13.915
12	103	1185	1.325	15.239
13	63	1248	0.810	16.049
14	48	1296	0.617	16.667
15	80	1376	1.029	17.695
16	82	1458	1.055	18.750
17	68	1526	0.874	19.624
18	67	1593	0.862	20.486
19	57	1650	0.733	21.219
20	63	1713	0.810	22.029
21	72	1785	0.926	22.955
22	63	1848	0.810	23.765
23	45	1893	0.579	24.344
24	64	1957	0.823	25.167
25	59	2016	0.759	25.926
26	53	2069	0.682	26.608
27	59	2128	0.759	27.366
28	68	2196	0.874	28.241
29	61	2257	0.784	29.025
30	67	2324	0.862	29.887
31	62	2386	0.797	30.684
32	61	2447	0.784	31.469
33	39	2486	0.502	31.970
34	60	2546	0.772	32.742
35	59	2605	0.759	33.501
36	68	2673	0.874	34.375
37	54	2727	0.694	35.069
38	47	2774	0.604	35.674
39	53	2827	0.682	36.355
40	60	2887	0.772	37.127
41	69	2956	0.887	38.014
42	55	3011	0.707	38.722
43	59	3070	0.759	39.480
44	63	3133	0.810	40.291
45	79	3212	1.016	41.307
46	75	3287	0.965	42.271
47	72	3359	0.926	43.197
48	90	3449	1.157	44.354
49	68	3517	0.874	45.229
50	77	3594	0.990	46.219
51	76	3670	0.977	47.197
52	73	3743	0.939	48.135
53	69	3812	0.887	49.023

CREDOC82	CREDITS THRU 10-82			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
54	89	3901	1.145	50.167
55	92	3993	1.183	51.350
56	88	4081	1.132	52.482
57	107	4188	1.376	53.858
58	86	4274	1.106	54.964
59	100	4374	1.286	56.250
60	146	4520	1.878	58.128
61	137	4657	1.762	59.889
62	127	4784	1.633	61.523
63	144	4928	1.852	63.374
64	116	5044	1.492	64.866
65	96	5140	1.235	66.101
66	78	5218	1.003	67.104
67	67	5285	0.862	67.966
68	68	5353	0.874	68.840
69	59	5412	0.759	69.599
70	45	5457	0.579	70.177
71	39	5496	0.502	70.679
72	58	5554	0.746	71.425
73	30	5584	0.386	71.811
74	43	5627	0.553	72.364
75	35	5662	0.450	72.814
76	36	5698	0.463	73.277
77	30	5728	0.386	73.663
78	21	5749	0.270	73.933
79	21	5770	0.270	74.203
80	31	5801	0.399	74.601
81	19	5820	0.244	74.846
82	24	5844	0.309	75.154
83	28	5872	0.360	75.514
84	24	5896	0.309	75.823
85	19	5915	0.244	76.067
86	19	5934	0.244	76.312
87	22	5956	0.283	76.595
88	28	5984	0.360	76.955
89	17	6001	0.219	77.173
90	25	6026	0.322	77.495
91	16	6042	0.206	77.701
92	12	6054	0.154	77.855
93	13	6067	0.167	78.022
94	11	6078	0.141	78.164
95	15	6093	0.193	78.356
96	22	6115	0.283	78.639
97	15	6130	0.193	78.832
98	17	6147	0.219	79.051
99	11	6158	0.141	79.192
100	6	6164	0.077	79.270
101	14	6178	0.180	79.450
102	8	6186	0.103	79.552
103	18	6204	0.231	79.784
104	6	6210	0.077	79.861
105	5	6215	0.064	79.925
106	9	6224	0.116	80.041
107	6	6230	0.077	80.118
108	7	6237	0.090	80.208

## STUDENT-LEVEL FILE FREQUENCIES

10:32 THURSDAY, AUGUST 15, 1985 261

CREDITS THRU 10-82				
CREDOC82	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
109	4	6241	0.051	80.260
110	3	6244	0.039	80.298
111	5	6249	0.064	80.363
112	6	6255	0.077	80.440
113	4	6259	0.051	80.491
114	1	6260	0.013	80.504
115	1	6261	0.013	80.517
116	1	6262	0.013	80.530
117	2	6264	0.026	80.556
118	2	6266	0.026	80.581
119	1	6267	0.013	80.594
120	2	6269	0.026	80.620
121	1	6270	0.013	80.633
122	2	6272	0.026	80.658
123	1	6273	0.013	80.671
124	1	6274	0.013	80.684
125	3	6277	0.039	80.723
126	4	6281	0.051	80.774
127	1	6282	0.013	80.787
128	2	6284	0.026	80.813
129	1	6285	0.013	80.826
130	3	6288	0.039	80.864
132	2	6290	0.026	80.890
136	1	6291	0.013	80.903
140	1	6292	0.013	80.916
141	1	6293	0.013	80.928
147	1	6294	0.013	80.941
148	1	6295	0.013	80.954
154	1	6296	0.013	80.967
156	1	6297	0.013	80.980
159	1	6298	0.013	80.993
161	1	6299	0.013	81.006
165	1	6300	0.013	81.019
167	1	6301	0.013	81.031
170	1	6302	0.013	81.044
176	1	6303	0.013	81.057
*MISS/NO CR	1473	7776	18.943	100.000

CREDFE83	CREDITS THRU 2-83			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0	256	256	3.292	3.292
1	32	288	0.412	3.704
2	31	319	0.399	4.102
3	126	445	1.620	5.723
4	69	514	0.887	6.610
5	44	558	0.566	7.176
6	103	661	1.325	8.501
7	55	716	0.707	9.208
8	51	767	0.656	9.864
9	83	850	1.067	10.931
10	55	905	0.707	11.638
11	41	946	0.527	12.166
12	115	1061	1.479	13.645
13	55	1116	0.707	14.352
14	47	1163	0.604	14.956
15	71	1234	0.913	15.869
16	74	1308	0.952	16.821
17	43	1351	0.553	17.374
18	56	1407	0.720	18.094
19	61	1468	0.784	18.879
20	61	1529	0.784	19.663
21	88	1617	1.132	20.795
22	59	1676	0.759	21.553
23	55	1731	0.707	22.261
24	48	1779	0.617	22.878
25	55	1834	0.707	23.585
26	55	1889	0.707	24.293
27	56	1945	0.720	25.013
28	63	2008	0.810	25.823
29	44	2052	0.566	26.389
30	50	2102	0.643	27.032
31	50	2152	0.643	27.675
32	35	2187	0.450	28.125
33	42	2229	0.540	28.665
34	44	2273	0.566	29.231
35	49	2322	0.630	29.861
36	51	2373	0.656	30.517
37	43	2416	0.553	31.070
38	43	2459	0.553	31.623
39	50	2509	0.643	32.266
40	55	2564	0.707	32.973
41	52	2616	0.669	33.642
42	43	2659	0.553	34.195
43	49	2708	0.630	34.825
44	41	2749	0.527	35.352
45	55	2804	0.707	36.060
46	57	2861	0.733	36.793
47	52	2913	0.669	37.461
48	58	2971	0.746	38.207
49	57	3028	0.733	38.940
50	49	3077	0.630	39.570
51	52	3129	0.669	40.239
52	39	3168	0.502	40.741
53	47	3215	0.604	41.345

CREDFE83	CREDITS THRU 2-83			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
54	68	3283	0.874	42.220
55	62	3345	0.797	43.017
56	62	3407	0.797	43.814
57	58	3465	0.746	44.560
58	63	3528	0.810	45.370
59	58	3586	0.746	46.116
60	71	3657	0.913	47.029
61	79	3736	1.016	48.045
62	69	3805	0.887	48.933
63	82	3887	1.055	49.987
64	70	3957	0.900	50.887
65	62	4019	0.797	51.685
66	82	4101	1.055	52.739
67	82	4183	1.055	53.794
68	58	4241	0.746	54.540
69	89	4330	1.145	55.684
70	69	4399	0.887	56.572
71	64	4463	0.823	57.395
72	89	4552	1.145	58.539
73	102	4654	1.312	59.851
74	95	4749	1.222	61.073
75	95	4844	1.222	62.294
76	117	4961	1.505	63.799
77	87	5048	1.119	64.918
78	80	5128	1.029	65.947
79	69	5197	0.887	66.834
80	69	5266	0.887	67.721
81	73	5339	0.939	68.660
82	59	5398	0.759	69.419
83	61	5459	0.784	70.203
84	50	5509	0.643	70.846
85	42	5551	0.540	71.386
86	37	5588	0.476	71.862
87	39	5627	0.502	72.364
88	35	5662	0.450	72.814
89	31	5693	0.399	73.212
90	30	5723	0.386	73.598
91	27	5750	0.347	73.945
92	38	5788	0.489	74.434
93	24	5812	0.309	74.743
94	24	5836	0.309	75.051
95	29	5865	0.373	75.424
96	28	5893	0.360	75.784
97	16	5909	0.206	75.990
98	18	5927	0.231	76.222
99	19	5946	0.244	76.466
100	22	5968	0.283	76.749
101	21	5989	0.270	77.019
102	19	6008	0.244	77.263
103	30	6038	0.386	77.649
104	19	6057	0.244	77.894
105	15	6072	0.193	78.087
106	18	6090	0.231	78.318
107	12	6102	0.154	78.472
108	16	6118	0.206	78.678

## STUDENT-LEVEL FILE FREQUENCIES

10:32 THURSDAY, AUGUST 15, 1985 264

CREDFE83	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
109	13	6131	0.167	78.845
110	16	6147	0.208	79.051
111	11	6158	0.141	79.192
112	15	6173	0.193	79.385
113	12	6185	0.154	79.540
114	7	6192	0.090	79.630
115	9	6201	0.116	79.745
116	6	6207	0.077	79.823
117	6	6213	0.077	79.900
118	6	6219	0.077	79.977
119	5	6224	0.064	80.041
120	7	6231	0.090	80.131
121	6	6237	0.077	80.208
122	5	6242	0.064	80.273
123	4	6246	0.051	80.324
124	3	6249	0.039	80.363
125	7	6256	0.090	80.453
126	2	6258	0.026	80.478
127	2	6260	0.026	80.504
128	3	6263	0.039	80.543
129	1	6264	0.013	80.556
130	1	6265	0.013	80.568
131	1	6266	0.013	80.581
132	1	6267	0.013	80.594
133	2	6269	0.026	80.620
134	2	6271	0.026	80.646
136	1	6272	0.013	80.658
137	3	6275	0.039	80.697
139	1	6276	0.013	80.710
140	2	6278	0.026	80.736
141	1	6279	0.013	80.748
146	1	6280	0.013	80.761
147	4	6284	0.051	80.813
150	1	6285	0.013	80.826
151	1	6286	0.013	80.838
152	1	6287	0.013	80.851
157	1	6288	0.013	80.864
158	2	6290	0.026	80.890
160	2	6292	0.026	80.916
162	2	6294	0.026	80.941
164	1	6295	0.013	80.954
171	1	6296	0.013	80.967
179	1	6297	0.013	80.980
184	1	6298	0.013	80.993
192	1	6299	0.013	81.006
198	1	6300	0.013	81.019
201	2	6302	0.026	81.044
212	1	6303	0.013	81.057
*MISS/NO CR	1473	7776	18.943	100.000

## STUDENT-LEVEL FILE FREQUENCIES

10:32 THURSDAY, AUGUST 15, 1985 265

CREDJUB3	CREDITS THRU 7-83			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0	166	166	2.135	2.135
1	34	200	0.437	2.572
2	29	229	0.373	2.945
3	122	351	1.569	4.514
4	65	416	0.836	5.350
5	42	458	0.540	5.890
6	107	565	1.376	7.266
7	49	614	0.630	7.896
8	53	667	0.682	8.578
9	87	754	1.119	9.697
10	56	810	0.720	10.417
11	38	848	0.489	10.905
12	103	951	1.325	12.230
13	51	1002	0.656	12.886
14	47	1049	0.604	13.490
15	67	1116	0.862	14.352
16	62	1178	0.797	15.149
17	39	1217	0.502	15.651
18	49	1266	0.630	16.281
19	49	1315	0.630	16.911
20	48	1363	0.617	17.528
21	68	1431	0.874	18.403
22	55	1486	0.707	19.110
23	59	1545	0.759	19.869
24	55	1600	0.707	20.576
25	60	1660	0.772	21.348
26	55	1715	0.707	22.055
27	60	1775	0.772	22.827
28	64	1839	0.823	23.650
29	42	1881	0.540	24.190
30	55	1936	0.707	24.897
31	50	1986	0.643	25.540
32	41	2027	0.527	26.067
33	44	2071	0.566	26.633
34	42	2113	0.540	27.173
35	40	2153	0.514	27.688
36	38	2191	0.489	28.176
37	32	2223	0.412	28.588
38	35	2258	0.450	29.038
39	55	2313	0.707	29.745
40	36	2349	0.463	30.208
41	36	2385	0.463	30.671
42	36	2421	0.463	31.134
43	39	2460	0.502	31.636
44	45	2505	0.579	32.215
45	43	2548	0.553	32.767
46	43	2591	0.553	33.320
47	44	2635	0.566	33.886
48	56	2691	0.720	34.606
49	39	2730	0.502	35.108
50	39	2769	0.502	35.610
51	40	2809	0.514	36.124
52	41	2850	0.527	36.651
53	30	2880	0.386	37.037

## STUDENT-LEVEL FILE FREQUENCIES

10:32 THURSDAY, AUGUST 15, 1985 266

CREDJUB3	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
54	49	2929	0.630	37.667
55	55	2984	0.707	38.374
56	49	3033	0.630	39.005
57	35	3068	0.450	39.455
58	48	3116	0.617	40.072
59	48	3164	0.617	40.689
60	60	3224	0.772	41.461
61	57	3281	0.733	42.194
62	57	3338	0.733	42.927
63	61	3399	0.784	43.711
64	61	3460	0.784	44.496
65	53	3513	0.682	45.177
66	63	3576	0.810	45.988
67	52	3628	0.669	46.656
68	41	3669	0.527	47.184
69	55	3724	0.707	47.891
70	55	3779	0.707	48.598
71	35	3814	0.450	49.048
72	56	3870	0.720	49.769
73	49	3919	0.630	50.399
74	38	3957	0.489	50.887
75	58	4015	0.746	51.633
76	49	4064	0.630	52.263
77	60	4124	0.772	53.035
78	42	4166	0.540	53.575
79	41	4207	0.527	54.102
80	53	4260	0.682	54.784
81	54	4314	0.694	55.478
82	62	4376	0.797	56.276
83	55	4431	0.707	56.983
84	73	4504	0.939	57.922
85	58	4562	0.746	58.668
86	64	4626	0.823	59.491
87	74	4700	0.952	60.442
88	76	4776	0.977	61.420
89	78	4854	1.003	62.423
90	87	4941	1.119	63.542
91	68	5009	0.874	64.416
92	74	5083	0.952	65.368
93	56	5139	0.720	66.088
94	60	5208	0.887	66.975
95	59	5267	0.759	67.734
96	64	5331	0.823	68.557
97	58	5389	0.746	69.303
98	45	5434	0.579	69.882
99	49	5483	0.630	70.512
100	39	5522	0.502	71.013
101	42	5564	0.540	71.553
102	40	5604	0.514	72.068
103	31	5635	0.398	72.467
104	34	5669	0.437	72.904
105	21	5690	0.270	73.174
106	29	5719	0.373	73.547
107	25	5744	0.322	73.868
108	21	5765	0.270	74.138



## STUDENT-LEVEL FILE FREQUENCIES

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CREDJUB3	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
109	19	5784	0.244	74.383
110	17	5801	0.219	74.601
111	20	5821	0.257	74.859
112	21	5842	0.270	75.129
113	16	5858	0.206	75.334
114	18	5876	0.231	75.566
115	17	5893	0.219	75.784
116	16	5909	0.206	75.990
117	16	5925	0.206	76.196
118	22	5947	0.283	76.479
119	18	5965	0.231	76.710
120	13	5978	0.167	76.878
121	12	5990	0.154	77.032
122	19	6009	0.244	77.276
123	10	6019	0.129	77.405
124	13	6032	0.167	77.572
125	12	6044	0.154	77.726
126	14	6058	0.180	77.906
127	12	6070	0.154	78.061
128	15	6085	0.193	78.254
129	13	6098	0.167	78.421
130	15	6113	0.193	78.614
131	7	6120	0.090	78.704
132	16	6136	0.206	78.909
133	10	6146	0.129	79.038
134	13	6159	0.167	79.205
135	8	6167	0.103	79.308
136	7	6174	0.090	79.398
137	9	6183	0.116	79.514
138	4	6187	0.051	79.565
139	8	6195	0.103	79.668
140	9	6204	0.116	79.784
141	1	6205	0.013	79.797
142	7	6212	0.090	79.887
143	5	6217	0.064	79.951
144	6	6223	0.077	80.028
145	8	6231	0.103	80.131
146	5	6236	0.064	80.195
147	10	6246	0.129	80.324
148	1	6247	0.013	80.337
149	3	6250	0.039	80.376
150	3	6253	0.039	80.414
151	3	6256	0.039	80.453
152	2	6258	0.026	80.478
153	4	6262	0.051	80.530
154	2	6264	0.026	80.556
156	2	6266	0.026	80.581
157	2	6268	0.026	80.607
158	1	6269	0.013	80.620
159	1	6270	0.013	80.633
160	1	6271	0.013	80.646
161	1	6272	0.013	80.658
162	4	6276	0.051	80.710
163	1	6277	0.013	80.723
165	1	6278	0.013	80.736

## STUDENT-LEVEL FILE FREQUENCIES

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	C	ITS THRU 7-83		
CREDJU83	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
166	1	6279	0.013	80.748
168	1	6280	0.013	80.761
170	1	6281	0.013	80.774
172	1	6282	0.013	80.787
176	1	6283	0.013	80.800
179	1	6284	0.013	80.813
183	1	6285	0.013	80.826
186	3	6288	0.039	80.864
188	1	6289	0.013	80.877
196	1	6290	0.013	80.890
198	3	6293	0.039	80.928
199	1	6294	0.013	80.941
201	1	6295	0.013	80.954
205	1	6296	0.013	80.967
207	1	6297	0.013	80.980
210	1	6298	0.013	80.993
216	1	6299	0.013	81.006
227	1	6300	0.013	81.019
241	1	6301	0.013	81.031
243	1	6302	0.013	81.044
248	1	6303	0.013	81.057
*MISS/NO CR	1473	7776	18.943	100.000

## STUDENT-LEVEL FILE FREQUENCIES

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CREDOC83	CREDITS THRU 10-83			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0	143	143	1.839	1.839
1	36	179	0.463	2.302
2	30	209	0.386	2.688
3	128	337	1.646	4.334
4	64	401	0.823	5.157
5	41	442	0.527	5.684
6	109	551	1.402	7.086
7	46	597	0.592	7.677
8	55	652	0.707	8.385
9	87	739	1.119	9.504
10	58	797	0.746	10.249
11	42	839	0.540	10.790
12	98	937	1.260	12.050
13	51	988	0.656	12.706
14	46	1034	0.592	13.297
15	66	1100	0.849	14.146
16	62	1162	0.797	14.943
17	40	1202	0.514	15.458
18	48	1250	0.617	16.075
19	50	1300	0.643	16.718
20	49	1349	0.630	17.348
21	61	1410	0.784	18.133
22	49	1459	0.630	18.763
23	58	1517	0.746	19.509
24	64	1581	0.823	20.332
25	61	1642	0.784	21.116
26	52	1694	0.669	21.785
27	62	1756	0.797	22.582
28	65	1821	0.836	23.418
29	43	1864	0.553	23.971
30	48	1912	0.617	24.588
31	51	1963	0.656	25.244
32	43	2006	0.553	25.797
33	44	2050	0.566	26.363
34	43	2093	0.553	26.916
35	39	2132	0.502	27.418
36	37	2169	0.476	27.894
37	36	2205	0.463	28.356
38	33	2238	0.424	28.781
39	47	2285	0.604	29.385
40	35	2320	0.450	29.835
41	40	2360	0.514	30.350
42	40	2400	0.514	30.864
43	39	2439	0.502	31.366
44	42	2481	0.540	31.906
45	41	2522	0.527	32.433
46	39	2561	0.502	32.935
47	43	2604	0.553	33.488
48	56	2660	0.720	34.208
49	36	2696	0.463	34.671
50	37	2733	0.476	35.147
51	41	2774	0.527	35.674
52	41	2815	0.527	36.201
53	30	2845	0.386	36.587

CREDOC83	CREDITS THRU 10-83			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
54	45	2890	0.579	37.166
55	52	2942	0.669	37.834
56	49	2991	0.630	38.465
57	37	3028	0.476	38.940
58	46	3074	0.592	39.532
59	42	3116	0.540	40.072
60	54	3170	0.694	40.766
61	54	3224	0.694	41.461
62	58	3282	0.746	42.207
63	59	3341	0.759	42.966
64	63	3404	0.810	43.776
65	46	3450	0.592	44.367
66	63	3513	0.810	45.177
67	53	3566	0.682	45.859
68	46	3612	0.592	46.451
69	58	3670	0.746	47.197
70	48	3718	0.617	47.814
71	30	3748	0.386	48.200
72	53	3801	0.682	48.881
73	47	3848	0.604	49.486
74	43	3891	0.553	50.039
75	54	3945	0.694	50.733
76	49	3994	0.630	51.363
77	46	4040	0.592	51.955
78	44	4084	0.566	52.521
79	36	4120	0.463	52.984
80	48	4168	0.617	53.601
81	45	4213	0.579	54.180
82	57	4270	0.733	54.913
83	51	4321	0.656	55.568
84	69	4390	0.887	56.456
85	53	4443	0.682	57.137
86	52	4495	0.669	57.806
87	83	4578	1.067	58.873
88	57	4635	0.733	59.606
89	60	4695	0.772	60.378
90	77	4772	0.990	61.368
91	64	4836	0.823	62.191
92	80	4916	1.029	63.220
93	79	4995	1.016	64.236
94	64	5059	0.823	65.059
95	68	5127	0.874	65.934
96	72	5199	0.926	66.860
97	66	5265	0.849	67.708
98	55	5320	0.707	68.416
99	54	5374	0.694	69.110
100	48	5422	0.617	69.727
101	46	5468	0.592	70.319
102	48	5516	0.617	70.936
103	34	5550	0.437	71.373
104	38	5588	0.489	71.862
105	24	5612	0.309	72.171
106	33	5645	0.424	72.595
107	27	5672	0.347	72.942
108	18	5690	0.231	73.174

## STUDENT-LEVEL FILE FREQUENCIES

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CREDOC83	CREDITS THRU 10-83			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
109	25	5715	0.322	73.495
110	16	5731	0.206	73.701
111	24	5755	0.309	74.010
112	22	5777	0.283	74.293
113	21	5798	0.270	74.563
114	20	5818	0.257	74.820
115	14	5832	0.180	75.000
116	21	5853	0.270	75.270
117	19	5872	0.244	75.514
118	22	5894	0.283	75.797
119	17	5911	0.219	76.016
120	14	5925	0.180	76.196
121	18	5943	0.231	76.427
122	18	5961	0.231	76.659
123	16	5977	0.206	76.865
124	15	5992	0.193	77.058
125	15	6007	0.193	77.251
126	18	6025	0.231	77.482
127	9	6034	0.116	77.598
128	11	6045	0.141	77.739
129	13	6058	0.167	77.906
130	17	6075	0.219	78.125
131	8	6083	0.103	78.228
132	15	6098	0.193	78.421
133	12	6110	0.154	78.575
134	16	6126	0.206	78.781
135	10	6136	0.129	78.909
136	7	6143	0.090	78.999
137	8	6151	0.103	79.102
138	8	6159	0.103	79.205
139	6	6165	0.077	79.282
140	14	6179	0.180	79.462
141	3	6182	0.039	79.501
142	8	6190	0.103	79.604
143	5	6195	0.064	79.668
144	7	6202	0.090	79.758
145	9	6211	0.116	79.874
146	4	6215	0.051	79.925
147	11	6226	0.141	80.067
148	4	6230	0.051	80.118
149	5	6235	0.064	80.183
150	7	6242	0.090	80.273
151	3	6245	0.039	80.311
152	3	6248	0.039	80.350
153	3	6251	0.039	80.388
154	3	6254	0.039	80.427
156	2	6256	0.026	80.453
157	4	6260	0.051	80.504
158	1	6261	0.013	80.517
160	1	6262	0.013	80.530
161	1	6263	0.013	80.543
162	2	6265	0.026	80.568
163	1	6266	0.013	80.581
164	1	6267	0.013	80.594
165	1	6268	0.013	80.607

## STUDENT-LEVEL FILE FREQUENCIES

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CREDOC83	CREDITS THRU 10-83			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
166	1	6269	0.013	80.620
167	2	6271	0.026	80.646
168	3	6274	0.039	80.684
169	1	6275	0.013	80.697
170	3	6278	0.039	80.736
171	1	6279	0.013	80.748
172	1	6280	0.013	80.761
175	1	6281	0.013	80.774
179	1	6282	0.013	80.787
182	1	6283	0.013	80.800
183	1	6284	0.013	80.813
185	1	6285	0.013	80.826
186	2	6287	0.026	80.851
188	1	6288	0.013	80.864
192	1	6289	0.013	80.877
198	2	6291	0.026	80.903
199	1	6292	0.013	80.916
201	1	6293	0.013	80.928
205	1	6294	0.013	80.941
207	1	6295	0.013	80.954
210	2	6297	0.026	80.980
211	1	6298	0.013	80.993
224	1	6299	0.013	81.006
227	1	6300	0.013	81.019
241	1	6301	0.013	81.031
243	1	6302	0.013	81.044
248	1	6303	0.013	81.057
*MISS/NO CR	1473	7776	18.943	100.000

## STUDENT-LEVEL FILE FREQUENCIES

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CREFE84	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0	49	49	0.630	0.630
1	33	82	0.424	1.055
2	29	111	0.373	1.427
3	134	245	1.723	3.151
4	61	309	0.823	3.974
5	43	352	0.553	4.527
6	114	466	1.466	5.993
7	44	510	0.566	6.559
8	57	567	0.733	7.292
9	84	651	1.080	8.372
10	60	711	0.772	9.144
11	44	755	0.566	9.709
12	99	854	1.273	10.983
13	52	906	0.669	11.651
14	45	951	0.579	12.230
15	72	1023	0.926	13.156
16	64	1087	0.823	13.979
17	42	1129	0.540	14.519
18	46	1175	0.592	15.111
19	51	1226	0.656	15.766
20	53	1279	0.682	16.448
21	59	1338	0.759	17.207
22	49	1387	0.630	17.837
23	47	1434	0.604	18.441
24	49	1483	0.630	19.072
25	54	1537	0.694	19.766
26	48	1585	0.617	20.383
27	60	1645	0.772	21.155
28	60	1705	0.772	21.926
29	41	1746	0.527	22.454
30	49	1795	0.630	23.084
31	49	1844	0.630	23.714
32	35	1879	0.450	24.164
33	50	1929	0.643	24.807
34	41	1973	0.566	25.373
35	46	2019	0.592	25.965
36	43	2062	0.553	26.517
37	35	2097	0.450	26.968
38	41	2138	0.527	27.495
39	46	2184	0.592	28.086
40	38	2222	0.489	28.575
41	31	2253	0.399	28.974
42	35	2288	0.450	29.424
43	29	2317	0.373	29.797
44	29	2346	0.373	30.170
45	38	2384	0.489	30.658
46	42	2426	0.540	31.199
47	41	2467	0.527	31.726
48	41	2508	0.527	32.253
49	31	2539	0.399	32.652
50	26	2565	0.334	32.986
51	29	2594	0.373	33.359
52	39	2633	0.502	33.861
53	22	2655	0.283	34.144

CREDFE84	CREDITS THRU 2-84			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
54	34	2689	0.437	34.581
55	41	2730	0.527	35.108
56	46	2776	0.592	35.700
57	38	2814	0.489	36.188
58	49	2863	0.630	36.818
59	30	2893	0.386	37.204
60	59	2952	0.759	37.963
61	57	3009	0.733	38.696
62	43	3052	0.553	39.249
63	53	3105	0.682	39.931
64	53	3158	0.682	40.612
65	48	3206	0.617	41.229
66	57	3263	0.733	41.962
67	33	3296	0.424	42.387
68	47	3343	0.604	42.991
69	48	3391	0.617	43.609
70	36	3427	0.463	44.072
71	37	3464	0.476	44.547
72	45	3509	0.579	45.126
73	35	3544	0.450	45.576
74	34	3578	0.437	46.013
75	54	3632	0.694	46.708
76	38	3670	0.489	47.197
77	45	3715	0.579	47.775
78	37	3752	0.476	48.251
79	36	3788	0.463	48.714
80	35	3823	0.450	49.164
81	40	3863	0.514	49.678
82	29	3892	0.373	50.051
83	37	3929	0.476	50.527
84	41	3970	0.527	51.055
85	38	4008	0.489	51.543
86	39	4047	0.502	52.045
87	50	4097	0.643	52.688
88	40	4137	0.514	53.202
89	25	4162	0.322	53.524
90	42	4204	0.540	54.064
91	47	4251	0.604	54.668
92	39	4290	0.502	55.170
93	42	4332	0.540	55.710
94	36	4368	0.463	56.173
95	45	4413	0.579	56.752
96	51	4464	0.656	57.407
97	46	4510	0.592	57.999
98	36	4546	0.463	58.462
99	34	4580	0.437	58.899
100	51	4631	0.656	59.555
101	48	4679	0.617	60.172
102	54	4733	0.694	60.867
103	45	4778	0.579	61.445
104	55	4833	0.707	62.153
105	75	4908	0.965	63.117
106	73	4981	0.939	64.056
107	63	5044	0.810	64.866
108	67	5111	0.862	65.728



CREDFE84	CREDITS THRU 2-84			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
109	50	5161	0.643	66.371
110	53	5214	0.682	67.052
111	58	5272	0.746	67.798
112	65	5337	0.836	68.634
113	44	5381	0.566	69.200
114	41	5422	0.527	69.727
115	52	5474	0.669	70.396
116	44	5518	0.566	70.962
117	40	5558	0.514	71.476
118	48	5606	0.617	72.094
119	30	5636	0.386	72.479
120	30	5666	0.386	72.865
121	31	5697	0.399	73.264
122	29	5726	0.373	73.637
123	22	5748	0.283	73.920
124	26	5774	0.334	74.254
125	24	5798	0.309	74.563
126	27	5825	0.347	74.910
127	20	5845	0.257	75.167
128	28	5873	0.360	75.527
129	20	5893	0.257	75.784
130	20	5913	0.257	76.042
131	13	5926	0.167	76.209
132	13	5939	0.167	76.376
133	17	5956	0.219	76.595
134	9	5965	0.116	76.710
135	17	5982	0.219	76.929
136	13	5995	0.167	77.096
137	11	6006	0.141	77.238
138	9	6015	0.116	77.353
139	13	6028	0.167	77.521
140	13	6041	0.167	77.688
141	15	6056	0.193	77.881
142	10	6066	0.129	78.009
143	7	6073	0.090	78.099
144	9	6082	0.116	78.215
145	7	6089	0.090	78.305
146	7	6096	0.090	78.395
147	10	6106	0.129	78.524
148	16	6122	0.206	78.729
149	9	6131	0.116	78.845
150	10	6141	0.129	78.974
151	6	6147	0.077	79.051
152	10	6157	0.129	79.180
153	6	6163	0.077	79.257
154	5	6168	0.064	79.321
155	8	6176	0.103	79.424
156	9	6185	0.116	79.540
157	5	6190	0.064	79.604
158	5	6195	0.064	79.668
159	4	6199	0.051	79.720
160	5	6204	0.064	79.784
161	14	6218	0.180	79.964
162	10	6228	0.129	80.093
163	4	6232	0.051	80.144

## STUDENT-LEVEL FILE FREQUENCIES

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CREDFE84	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
164	4	6236	0.051	80.195
165	4	6240	0.051	80.247
166	4	6244	0.051	80.298
167	3	6247	0.039	80.337
168	4	6251	0.051	80.388
169	1	6252	0.013	80.401
171	1	6253	0.013	80.414
172	2	6255	0.026	80.440
174	4	6259	0.051	80.491
176	2	6261	0.026	80.517
177	1	6262	0.013	80.530
178	2	6264	0.026	80.556
180	2	6266	0.026	80.581
181	1	6267	0.013	80.594
182	1	6268	0.013	80.607
183	3	6271	0.039	80.646
184	2	6273	0.026	80.671
186	2	6275	0.026	80.697
187	2	6277	0.026	80.723
189	1	6278	0.013	80.736
191	1	6279	0.013	80.748
193	1	6280	0.013	80.761
194	1	6281	0.013	80.774
197	1	6282	0.013	80.787
202	2	6284	0.026	80.813
207	1	6285	0.013	80.826
212	1	6286	0.013	80.838
213	1	6287	0.013	80.851
215	1	6288	0.013	80.864
216	1	6289	0.013	80.877
222	2	6291	0.026	80.903
227	1	6292	0.013	80.916
229	1	6293	0.013	80.928
231	1	6294	0.013	80.941
234	2	6296	0.026	80.967
238	1	6297	0.013	80.980
241	1	6298	0.013	80.993
242	1	6299	0.013	81.006
244	1	6300	0.013	81.019
273	1	6301	0.013	81.031
282	1	6302	0.013	81.044
284	1	6303	0.013	81.057
*MISS/NO CR	1473	7776	18.943	100.000

## STUDENT-LEVEL FILE FREQUENCIES

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CREDJUB4	CREDITS THRU 7-84			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0	2	2	0.026	0.026
1	33	35	0.424	0.450
2	26	61	0.334	0.784
3	138	199	1.775	2.559
4	62	261	0.797	3.356
5	46	307	0.592	3.948
6	119	426	1.530	5.478
7	41	467	0.527	6.006
8	56	523	0.720	6.726
9	81	604	1.042	7.767
10	65	669	0.836	8.603
11	41	710	0.527	9.131
12	92	802	1.183	10.314
13	49	851	0.630	10.944
14	41	892	0.527	11.471
15	69	961	0.887	12.359
16	57	1018	0.733	13.092
17	33	1051	0.424	13.516
18	47	1098	0.604	14.120
19	51	1149	0.656	14.776
20	47	1196	0.604	15.381
21	56	1252	0.720	16.101
22	47	1299	0.604	16.705
23	46	1345	0.592	17.297
24	48	1393	0.617	17.914
25	45	1438	0.579	18.493
26	48	1486	0.617	19.110
27	54	1540	0.694	19.805
28	51	1591	0.656	20.460
29	37	1628	0.476	20.936
30	52	1680	0.669	21.605
31	58	1738	0.746	22.351
32	40	1778	0.514	22.865
33	50	1828	0.643	23.508
34	42	1870	0.540	24.048
35	48	1918	0.617	24.666
36	44	1962	0.566	25.231
37	35	1997	0.450	25.682
38	35	2032	0.450	26.132
39	42	2074	0.540	26.672
40	36	2110	0.463	27.135
41	32	2142	0.412	27.546
42	33	2175	0.424	27.971
43	35	2210	0.450	28.421
44	33	2243	0.424	28.845
45	36	2279	0.463	29.308
46	44	2323	0.566	29.874
47	39	2362	0.502	30.376
48	44	2406	0.566	30.941
49	38	2444	0.489	31.430
50	32	2476	0.412	31.842
51	31	2507	0.399	32.240
52	33	2540	0.424	32.665
53	23	2563	0.296	32.960

CREDJU84	CREDITS THRU 7-84			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
54	34	2597	0.437	33.398
55	36	2633	0.463	33.861
56	33	2666	0.424	34.285
57	38	2704	0.489	34.774
58	35	2739	0.450	35.224
59	24	2763	0.309	35.532
60	53	2816	0.682	36.214
61	43	2859	0.553	36.767
62	39	2898	0.502	37.269
63	41	2939	0.527	37.796
64	48	2987	0.617	38.413
65	42	3029	0.540	38.953
66	42	3071	0.540	39.493
67	40	3111	0.514	40.008
68	44	3155	0.566	40.574
69	39	3194	0.502	41.075
70	31	3225	0.399	41.474
71	21	3246	0.270	41.744
72	37	3283	0.476	42.220
73	39	3322	0.502	42.721
74	36	3358	0.463	43.184
75	40	3398	0.514	43.699
76	33	3431	0.424	44.123
77	38	3469	0.489	44.612
78	26	3495	0.334	44.946
79	30	3525	0.386	45.332
80	22	3547	0.283	45.615
81	35	3582	0.450	46.065
82	26	3608	0.334	46.399
83	36	3644	0.463	46.862
84	38	3682	0.489	47.351
85	28	3710	0.360	47.711
86	36	3746	0.463	48.174
87	41	3787	0.527	48.701
88	30	3817	0.386	49.087
89	31	3848	0.399	49.486
90	41	3889	0.527	50.013
91	29	3918	0.373	50.386
92	27	3945	0.347	50.733
93	44	3989	0.566	51.299
94	29	4018	0.373	51.672
95	29	4047	0.373	52.045
96	31	4078	0.399	52.443
97	30	4108	0.386	52.829
98	26	4134	0.334	53.164
99	34	4168	0.437	53.601
100	32	4200	0.412	54.012
101	39	4239	0.502	54.514
102	35	4274	0.450	54.964
103	31	4305	0.399	55.363
104	37	4342	0.476	55.838
105	18	4360	0.231	56.070
106	42	4402	0.540	56.610
107	30	4432	0.386	56.996
108	37	4469	0.476	57.472

## STUDENT-LEVEL FILE FREQUENCIES

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CREDJUB4	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
109	46	4515	0.592	58.063
110	31	4546	0.399	58.462
111	45	4591	0.579	59.041
112	35	4626	0.450	59.491
113	35	4661	0.450	59.941
114	40	4701	0.514	60.455
115	45	4746	0.579	61.034
116	41	4787	0.527	61.561
117	51	4838	0.656	62.217
118	50	4888	0.643	62.860
119	41	4929	0.527	63.387
120	71	5000	0.913	64.300
121	55	5055	0.707	65.008
122	64	5119	0.823	65.831
123	53	5172	0.682	66.512
124	60	5232	0.772	67.284
125	45	5277	0.579	67.863
126	49	5326	0.630	68.493
127	47	5373	0.604	69.097
128	74	5447	0.952	70.049
129	52	5499	0.669	70.718
130	50	5549	0.643	71.361
131	42	5591	0.540	71.901
132	38	5629	0.489	72.389
133	30	5659	0.386	72.775
134	19	5678	0.244	73.020
135	24	5702	0.309	73.328
136	36	5738	0.463	73.791
137	16	5754	0.206	73.997
138	20	5774	0.257	74.254
139	19	5793	0.244	74.498
140	17	5810	0.219	74.717
141	13	5823	0.167	74.884
142	15	5838	0.193	75.077
143	11	5849	0.141	75.219
144	10	5859	0.129	75.347
145	15	5874	0.193	75.540
146	17	5891	0.219	75.759
147	12	5903	0.154	75.913
148	15	5918	0.193	76.106
149	8	5926	0.103	76.209
150	8	5934	0.103	76.312
151	12	5946	0.154	76.466
152	9	5955	0.116	76.582
153	11	5966	0.141	76.723
154	13	5979	0.167	76.890
155	9	5988	0.116	77.006
156	3	5991	0.039	77.045
157	10	6001	0.129	77.173
158	8	6009	0.103	77.276
159	6	6015	0.077	77.353
160	8	6023	0.103	77.456
161	8	6031	0.103	77.559
162	16	6047	0.206	77.765
163	11	6058	0.141	77.906

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## STUDENT-LEVEL FILE FREQUENCIES

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CREDJUB4	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
164	8	6066	0.103	78.009
165	6	6072	0.077	78.086
166	6	6078	0.077	78.164
167	5	6083	0.064	78.228
168	11	6094	0.141	78.369
169	8	6102	0.103	78.472
170	7	6109	0.090	78.562
171	9	6118	0.116	78.678
172	4	6122	0.051	78.729
173	5	6127	0.064	78.794
174	8	6135	0.103	78.897
175	5	6140	0.064	78.961
176	9	6149	0.116	79.077
177	3	6152	0.039	79.115
178	4	6156	0.051	79.167
179	12	6168	0.154	79.321
180	6	6174	0.077	79.398
181	4	6178	0.051	79.450
182	3	6181	0.039	79.488
183	3	6184	0.039	79.527
184	10	6194	0.129	79.655
185	4	6198	0.051	79.707
186	10	6208	0.129	79.835
187	9	6217	0.116	79.951
188	4	6221	0.051	80.003
189	2	6223	0.026	80.028
190	5	6228	0.064	80.093
191	4	6232	0.051	80.144
192	5	6237	0.064	80.208
193	6	6243	0.077	80.285
194	3	6246	0.039	80.324
195	1	6247	0.013	80.337
196	2	6249	0.026	80.363
197	2	6251	0.026	80.388
198	3	6254	0.039	80.427
199	3	6257	0.039	80.466
200	1	6258	0.013	80.478
201	1	6259	0.013	80.491
202	5	6264	0.064	80.556
204	2	6266	0.026	80.581
205	1	6267	0.013	80.594
206	2	6269	0.026	80.620
209	3	6272	0.039	80.658
211	1	6273	0.013	80.671
212	1	6274	0.013	80.684
215	1	6275	0.013	80.697
216	1	6276	0.013	80.710
217	1	6277	0.013	80.723
219	2	6279	0.026	80.748
220	2	6281	0.026	80.774
221	1	6282	0.013	80.787
223	1	6283	0.013	80.800
224	1	6284	0.013	80.813
227	1	6285	0.013	80.826
232	1	6286	0.013	80.838

## STUDENT-LEVEL FILE FREQUENCIES

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CREDJUB4	CREDITS THRU 7-84			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
234	1	6287	0.013	80.851
238	1	6288	0.013	80.864
242	1	6289	0.013	80.877
245	1	6290	0.013	80.890
253	1	6291	0.013	80.903
259	1	6292	0.013	80.916
260	1	6293	0.013	80.928
261	1	6294	0.013	80.941
266	1	6295	0.013	80.954
270	2	6297	0.026	80.980
271	2	6299	0.026	81.006
276	1	6300	0.013	81.019
298	1	6301	0.013	81.031
309	1	6302	0.013	81.044
318	1	6303	0.013	81.057
*MISS/NO CR	1473	7776	18.943	100.000

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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RECTYPE2	RECORD TYPE INDICATR			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
TRANSCRIPT	11288	11288	100.000	100.000

TRANSNUM	TRANSCRIPT NUMBER			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	7776	7776	68.887	68.887
2	2828	10604	25.053	93.940
3	602	11206	5.333	99.274
4	75	11281	0.664	99.938
5	6	11287	0.053	99.991
6	1	11288	0.009	100.000

TRNSFLAG	RCVD TRANSCRIPT			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
NO	1903	1903	16.859	16.859
YES	9385	11288	83.141	100.000

TRNSFERT	TRANSFR CRSE FLAG			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
NO	7727	7727	68.453	68.453
YES	1658	9385	14.688	83.141
MISSING	1903	11288	16.859	100.000

FINDISP	FINAL DISPOSITION			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
RECEIVED	9385	9385	83.141	83.141
SCH REFUSED	108	9493	0.957	84.098
NO AT/NO SCH	863	10356	7.645	91.743
LOST/OESTRYD	369	10725	3.269	95.012
SCH CLOSD/UNDEL	18	10743	0.159	95.172
NO RESPONSE	545	11288	4.828	100.000

PSREGION	POST-SEC SCHL REGION			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
*NORTHEAST	2082	2082	18.444	18.444
*NORTHCENT	2736	4818	24.238	42.682
*SOUTH	3949	8767	34.984	77.667
*WEST	2472	11239	21.899	99.566
*FOREIGN	49	11288	0.434	100.000

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# TRANSCRIPT-LEVEL FILE FREQUENCIES

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INSTYPE	INSTITUTION TYPE			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
VOCATIONAL	921	921	8.159	8.159
PRIV,NON VOC	2170	3091	19.224	27.383
PUB,ACA 4-YR	4070	7161	36.056	63.439
PUB,ACA 2-YR	3820	10981	33.841	97.280
FOREIGN	44	11025	0.390	97.670
UNCLASSIFIED	263	11288	2.330	100.000

TERMS	# OF TERMS ON TRNSCR			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0	2	2	0.018	0.018
1	1386	1388	12.279	12.296
2	1200	2588	10.631	22.927
3	912	3500	8.079	31.006
4	909	4409	8.053	39.059
5	735	5144	6.511	45.571
6	718	5862	6.361	51.931
7	580	6442	5.138	57.069
8	784	7226	6.945	64.015
9	658	7884	5.829	69.844
10	491	8375	4.350	74.194
11	363	8738	3.216	77.410
12	287	9025	2.543	79.952
13	179	9204	1.586	81.538
14	118	9322	1.045	82.583
15	42	9364	0.372	82.955
16	12	9376	0.106	83.062
17	1	9377	0.009	83.071
18	2	9379	0.018	83.088
19	2	9381	0.018	83.106
21	1	9382	0.009	83.115
22	2	9384	0.018	83.133
30	1	9385	0.009	83.141
99	1903	11288	16.859	100.000

DEGREE 1	1ST CREDNTL EARNED			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
ASSOCIATE	738	738	6.538	6.538
BACHELORS	1061	1799	9.399	15.937
MASTERS	2	1801	0.018	15.955
PH.D.	2	1803	0.018	15.973
LICENSE	3	1806	0.027	15.999
CERTIFICATE	235	2041	2.082	18.081
NO DEGREE	7344	9385	65.060	83.141
MISSING	1903	11288	16.859	100.000

TRANSCRIPT-LEVEL FILE FREQUENCIES

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	2ND CREDNTL EARNED			
DEGREE2	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
ASSOCIATE	12	12	0.106	0.106
BACHELDRS	23	35	0.204	0.310
MASTERS	1	36	0.009	0.319
CERTIFICATE	15	51	0.133	0.452
NO DEGREE	1	52	0.009	0.461
MISSING	11236	11288	99.539	100.000

	3RD CREDNTL EARNED			
DEGREE3	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
BACHELDRS	1	1	0.009	0.009
CERTIFICATE	1	2	0.009	0.018
MISSING	11286	11288	99.982	100.000

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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DEGNAME1	FREQUENCY	VERBATIM, 1ST CUM FREQ	CREDEN PERCENT	CUM PERCENT
	9491			
A	3	3	0.167	0.167
A A	1	4	0.056	0.223
A TECH	1	5	0.056	0.278
A.	2	7	0.111	0.390
A. A.	2	9	0.111	0.501
A. A. S	4	13	0.223	0.723
A. AP S	1	14	0.056	0.779
A. B.	3	17	0.167	0.946
A. S.	1	18	0.056	1.002
A.A	6	24	0.334	1.336
A.A.	141	165	7.846	9.182
A.A.A	1	166	0.056	9.238
A.A.A.	1	167	0.056	9.293
A.A.S	4	171	0.223	9.516
A.A.S.	44	215	2.449	11.964
A.A.SCI	3	218	0.167	12.131
A.AS	1	219	0.056	12.187
A.B	2	221	0.111	12.298
A.B.	37	258	2.059	14.357
A.D.	2	260	0.111	14.469
A.GS	1	261	0.056	14.524
A.N.A.	1	262	0.056	14.580
A.P.S.	1	263	0.056	14.636
A.S	3	266	0.167	14.802
A.S.	99	365	5.509	20.312
A.S.A.	1	366	0.056	20.367
A.S.B.	1	367	0.056	20.423
A.S.N.	1	368	0.056	20.479
A.SCI	1	369	0.056	20.534
A.T.	3	372	0.167	20.701
A.T.A.	2	374	0.111	20.812
A-ARTS	1	375	0.056	20.868
A-GEN S	1	376	0.056	20.924
A.A	1	377	0.056	20.979
A.S.	1	378	0.056	21.035
AA	161	539	8.959	29.994
AA/ARM	1	540	0.056	30.050
AAA	2	542	0.111	30.161
AAA&S	1	543	0.056	30.217
AAB	7	550	0.390	30.607
AAS	83	633	4.619	35.225
AB	18	651	1.002	36.227
ABJ	2	653	0.111	36.338
ABS	3	656	0.167	36.505
ACS	1	657	0.056	36.561
AD	2	659	0.111	36.672
AE	1	660	0.056	36.728
AET	1	661	0.056	36.784
ANIM HB	1	662	0.056	36.839
AOS	2	664	0.111	36.950
AP SCI	2	666	0.111	37.062
APP SCI	4	670	0.223	37.284
APS	1	671	0.056	37.340

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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DEQNAME1	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
ART	1	672	0.056	37.386
ARTS	28	701	1.614	39.009
AS	47	748	2.618	41.625
AS. A	1	748	0.056	41.681
AS. A.	1	750	0.056	41.736
ASB	1	751	0.056	41.792
ASBD	2	753	0.111	41.903
ASC	2	755	0.111	42.014
ASSOC	3	758	0.167	42.181
ASSOC D	3	761	0.167	42.348
ASSOCIA	11	772	0.612	42.960
AST	2	774	0.111	43.072
AT	1	775	0.056	43.127
B AP AR	1	776	0.056	43.183
B BUS A	1	777	0.056	43.238
B BUS.	1	778	0.056	43.294
B OF BU	1	779	0.056	43.350
B OF SC	1	780	0.056	43.406
B S	4	784	0.223	43.629
B.	1	785	0.056	43.684
B. A.	8	793	0.445	44.129
B. BA.	1	794	0.056	44.185
B. BUSI	1	795	0.056	44.240
B. S.	18	814	1.057	45.298
B. A	4	818	0.223	45.520
B. A.	245	1063	13.634	59.154
B. A. ED.	1	1064	0.056	59.210
B. B.	1	1065	0.056	59.265
B. B. A	1	1066	0.056	59.321
B. B. A.	14	1080	0.779	60.100
B. E.	1	1081	0.056	60.156
B. ENGI.	1	1082	0.056	60.211
B. F. A.	6	1088	0.334	60.545
B. FA.	1	1089	0.056	60.601
B. G. S.	2	1091	0.111	60.712
B. J.	1	1092	0.056	60.768
B. M.	1	1093	0.056	60.824
B. M. E.	1	1094	0.056	60.879
B. M. ED.	1	1095	0.056	60.935
B. P. S.	1	1096	0.056	60.991
B. S	3	1099	0.167	61.157
B. S.	286	1385	15.915	77.073
B. S. C. U	1	1386	0.056	77.129
B. S. E.	1	1387	0.056	77.184
B. S. N.	2	1389	0.111	77.295
B. S. S.	1	1390	0.056	77.351
B. S.	1	1391	0.056	77.407
B. T.	1	1392	0.056	77.462
B-ARTS	8	1400	0.445	77.908
B-BU AD	2	1402	0.111	78.019
B-BUS A	3	1405	0.167	78.186
B-FINE	1	1406	0.056	78.242
B-MUSIC	1	1407	0.056	78.297
B-SCIEN	10	1417	0.556	78.854
B/ACCTV	1	1418	0.056	78.909

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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DEGNAME 1	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
BA	126	1544	7.012	85.921
BASW	1	1545	0.056	85.977
BBA	17	1562	0.946	86.923
BBUS.	1	1563	0.056	86.978
BFA	3	1566	0.167	87.145
BGS	1	1567	0.056	87.201
BS	161	1728	8.959	96.160
BS ADV	1	1729	0.056	96.216
BS BUS.	1	1730	0.056	96.272
BS BUSI	1	1731	0.056	96.327
BS ED	3	1734	0.167	96.494
BS ED.	1	1735	0.056	96.550
BS H EC	1	1736	0.056	96.605
BS.	1	1737	0.056	96.661
BS/EDUC	1	1738	0.056	96.717
BSB	1	1739	0.056	96.772
BSBA	5	1744	0.278	97.051
BSC	1	1745	0.056	97.106
BSCHE	1	1746	0.056	97.162
BSE	2	1748	0.111	97.273
BSED	1	1749	0.056	97.329
BSME	2	1751	0.111	97.440
BSPA	1	1752	0.056	97.496
BSW	2	1754	0.111	97.607
BUS	2	1756	0.111	97.718
BUS ADM	2	1758	0.111	97.830
BUSINES	1	1759	0.056	97.885
COM SCI	1	1760	0.056	97.941
FOR SER	1	1761	0.056	97.997
GEN STU	1	1762	0.056	98.052
HOS MGT	1	1763	0.056	98.108
LIB ART	1	1764	0.056	98.164
M. S.	1	1765	0.056	98.219
MASTERS	1	1766	0.056	98.275
MD	1	1767	0.056	98.331
MED TEC	1	1768	0.056	98.386
MGMT	1	1769	0.056	98.442
MUSIC	1	1770	0.056	98.497
P.HD.	1	1771	0.056	98.553
S	1	1772	0.056	98.609
SCI	1	1773	0.056	98.664
SCIENCE	20	1793	1.113	99.777
SPEC	1	1794	0.056	99.833
SPEC BU	1	1795	0.056	99.889
SPECIAL	2	1797	0.111	100.000

TRANSCRIPT-LEVEL FILE FREQUENCIES

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DEGNAME2	VERBATIM, 2ND CREDEN			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
	11252	.		
A.A.	2	2	5.556	5.556
A.A.S.	1	3	2.778	8.333
AA	1	4	2.778	11.111
AAS	1	5	2.778	13.889
AB	1	6	2.778	16.667
ARTS	2	8	5.556	22.222
AS	4	12	11.111	33.333
ASSOC	1	13	2.778	36.111
B. A.	1	14	2.778	38.889
B.A.	2	16	5.556	44.444
B.S.	8	24	22.222	66.667
BA	1	25	2.778	69.444
BS	6	31	16.667	86.111
BSBA	2	33	5.556	91.667
LIB STU	1	34	2.778	94.444
MA	1	35	2.778	97.222
SCIENCE	1	36	2.778	100.000

DEGNAME3	VERBATIM, 3RD CREDEN			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
	11287			
B.S.	1	1	100.000	100.000

HONORS1	HONORS, 1ST CREDEN			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
NO	1453	1453	12.872	12.872
YES	350	1803	3.101	15.973
MISSING	9485	11288	84.027	100.000

HONORS2	HONORS, 2ND CREDEN			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
NO	26	26	0.230	0.230
YES	10	36	0.089	0.319
MISSING	11252	11288	99.681	100.000

HONORS3	HONORS, 3RD CREDEN			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
YES	1	1	0.009	0.009
MISSING	11287	11288	99.991	100.000

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GPA1	GPA FOR 1ST CREDENTL			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0	517	517	4.580	4.580
0.04	1	518	0.009	4.589
0.07	1	519	0.009	4.598
0.09	1	520	0.009	4.607
0.111	1	521	0.009	4.616
0.12	1	522	0.009	4.624
0.125	1	523	0.009	4.633
0.146	1	524	0.009	4.642
0.16	3	527	0.027	4.669
0.17	1	528	0.009	4.678
0.18	2	530	0.018	4.695
0.19	1	531	0.009	4.704
0.2	3	534	0.027	4.731
0.21	1	535	0.009	4.740
0.25	3	538	0.027	4.766
0.26	1	539	0.009	4.775
0.273	1	540	0.009	4.784
0.28	2	542	0.018	4.802
0.286	1	543	0.009	4.810
0.3	3	546	0.027	4.837
0.308	1	547	0.009	4.846
0.31	1	548	0.009	4.855
0.33	5	553	0.044	4.899
0.333	1	554	0.009	4.908
0.36	1	555	0.009	4.917
0.4	5	560	0.044	4.961
0.41	1	561	0.009	4.970
0.43	2	563	0.018	4.988
0.44	2	565	0.018	5.005
0.45	1	566	0.009	5.014
0.462	1	567	0.009	5.023
0.48	1	568	0.009	5.032
0.487	1	569	0.009	5.041
0.491	1	570	0.009	5.050
0.5	19	589	0.168	5.218
0.51	1	590	0.009	5.227
0.52	1	591	0.009	5.236
0.53	4	595	0.035	5.271
0.55	1	596	0.009	5.280
0.56	2	598	0.018	5.298
0.565	1	599	0.009	5.307
0.57	3	602	0.027	5.333
0.571	1	603	0.009	5.342
0.58	1	604	0.009	5.351
0.583	1	605	0.009	5.360
0.59	2	607	0.018	5.377
0.6	8	615	0.071	5.448
0.61	2	617	0.018	5.466
0.62	3	620	0.027	5.493
0.63	4	624	0.035	5.528
0.64	1	625	0.009	5.537
0.65	2	627	0.018	5.555
0.66	2	629	0.018	5.572
0.666	1	630	0.009	5.581

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## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GPA FOR 1ST CREDENTL				
GPA 1	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0.667	1	631	0.009	5.590
0.67	11	642	0.097	5.687
0.68	4	646	0.035	5.723
0.681	1	647	0.009	5.732
0.69	2	649	0.018	5.749
0.692	2	651	0.018	5.767
0.7	6	657	0.053	5.820
0.71	2	659	0.018	5.838
0.72	1	660	0.009	5.847
0.727	1	661	0.009	5.856
0.733	1	662	0.009	5.865
0.734	1	663	0.009	5.873
0.75	9	672	0.080	5.953
0.76	3	675	0.027	5.980
0.762	1	676	0.009	5.989
0.78	4	680	0.035	6.024
0.79	2	682	0.018	6.042
0.8	9	691	0.080	6.122
0.807	1	692	0.009	6.130
0.81	2	694	0.018	6.148
0.818	1	695	0.009	6.157
0.82	3	698	0.027	6.184
0.824	1	699	0.009	6.192
0.829	1	700	0.009	6.201
0.83	7	707	0.062	6.263
0.84	2	709	0.018	6.281
0.85	7	716	0.062	6.343
0.857	3	719	0.027	6.370
0.86	3	722	0.027	6.396
0.866	1	723	0.009	6.405
0.87	1	724	0.009	6.414
0.875	1	725	0.009	6.423
0.88	4	729	0.035	6.458
0.89	2	731	0.018	6.476
0.897	1	732	0.009	6.485
0.9	2	734	0.018	6.502
0.902	1	735	0.009	6.511
0.91	3	738	0.027	6.538
0.917	1	739	0.009	6.547
0.92	3	742	0.027	6.573
0.923	1	743	0.009	6.582
0.93	1	744	0.009	6.591
0.931	1	745	0.009	6.600
0.94	4	749	0.035	6.635
0.944	1	750	0.009	6.644
0.947	1	751	0.009	6.653
0.95	1	752	0.009	6.662
0.96	5	757	0.044	6.706
0.962	1	758	0.009	6.715
0.97	2	760	0.018	6.733
0.98	1	761	0.009	6.742
0.983	1	762	0.009	6.751
0.99	1	763	0.009	6.759
1	86	849	0.762	7.521
1.01	3	852	0.027	7.548

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## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GPA 1	FREQUENCY	GPA FOR 1ST CREDENTL CUM FREQ	PERCENT	CUM PERCENT
1.015	1	853	0.009	7.557
1.02	1	854	0.009	7.566
1.025	1	855	0.009	7.574
1.03	2	857	0.018	7.592
1.039	1	858	0.009	7.601
1.04	1	859	0.009	7.610
1.05	5	864	0.044	7.654
1.06	3	867	0.027	7.681
1.07	2	869	0.018	7.698
1.071	1	870	0.009	7.707
1.08	1	871	0.009	7.716
1.09	4	875	0.035	7.752
1.1	6	881	0.053	7.805
1.11	4	885	0.035	7.840
1.12	6	891	0.053	7.893
1.125	1	892	0.009	7.902
1.129	1	893	0.009	7.911
1.13	10	903	0.089	8.000
1.135	1	904	0.009	8.009
1.14	4	908	0.035	8.044
1.148	1	909	0.009	8.053
1.15	2	911	0.018	8.071
1.154	1	912	0.009	8.079
1.16	2	914	0.018	8.097
1.167	1	915	0.009	8.106
1.17	3	918	0.027	8.133
1.177	1	919	0.009	8.141
1.18	1	920	0.009	8.150
1.19	2	922	0.018	8.168
1.2	10	932	0.089	8.257
1.22	4	936	0.035	8.292
1.23	11	947	0.097	8.389
1.25	11	958	0.097	8.487
1.253	1	959	0.009	8.496
1.26	5	964	0.044	8.540
1.262	1	965	0.009	8.549
1.27	8	973	0.071	8.620
1.273	2	975	0.018	8.637
1.278	1	976	0.009	8.646
1.28	3	979	0.027	8.673
1.29	8	987	0.071	8.744
1.3	14	1001	0.124	8.868
1.31	8	1009	0.071	8.939
1.32	5	1014	0.044	8.983
1.325	1	1015	0.009	8.992
1.33	21	1036	0.186	9.178
1.333	5	1041	0.044	9.222
1.34	3	1044	0.027	9.249
1.347	1	1045	0.009	9.258
1.35	6	1051	0.053	9.311
1.351	1	1052	0.009	9.320
1.353	1	1053	0.009	9.328
1.357	1	1054	0.009	9.337
1.36	8	1062	0.071	9.408
1.37	3	1065	0.027	9.435

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GPA 1	GPA FOR 1ST CREDENTL			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1.372	1	1066	0.009	9.444
1.373	1	1067	0.009	9.453
1.378	1	1068	0.009	9.461
1.379	1	1069	0.009	9.470
1.38	10	1079	0.089	9.559
1.384	1	1080	0.009	9.568
1.385	3	1083	0.027	9.594
1.387	1	1084	0.009	9.603
1.388	1	1085	0.009	9.612
1.39	8	1093	0.071	9.683
1.391	1	1094	0.009	9.692
1.4	14	1108	0.124	9.816
1.405	1	1109	0.009	9.825
1.41	3	1112	0.027	9.851
1.414	1	1113	0.009	9.860
1.415	1	1114	0.009	9.869
1.416	1	1115	0.009	9.878
1.42	12	1127	0.106	9.984
1.421	1	1128	0.009	9.993
1.423	1	1129	0.009	10.002
1.43	8	1137	0.071	10.073
1.433	1	1138	0.009	10.082
1.435	1	1139	0.009	10.090
1.44	8	1147	0.071	10.161
1.444	2	1149	0.018	10.179
1.447	1	1150	0.009	10.188
1.448	1	1151	0.009	10.197
1.45	7	1158	0.062	10.259
1.457	1	1159	0.009	10.268
1.46	9	1168	0.080	10.347
1.462	1	1169	0.009	10.356
1.469	1	1170	0.009	10.365
1.47	2	1172	0.018	10.383
1.478	1	1173	0.009	10.392
1.48	9	1182	0.080	10.471
1.484	1	1183	0.009	10.480
1.486	1	1184	0.009	10.489
1.49	3	1187	0.027	10.516
1.5	60	1247	0.532	11.047
1.507	1	1248	0.009	11.056
1.51	8	1256	0.071	11.127
1.515	2	1258	0.018	11.145
1.517	1	1259	0.009	11.153
1.52	4	1263	0.035	11.189
1.527	1	1264	0.009	11.198
1.53	8	1272	0.071	11.269
1.533	2	1274	0.018	11.286
1.535	1	1275	0.009	11.295
1.54	9	1284	0.080	11.375
1.541	1	1285	0.009	11.384
1.55	7	1292	0.062	11.446
1.556	1	1293	0.009	11.455
1.56	11	1304	0.097	11.552
1.562	1	1305	0.009	11.561
1.563	1	1306	0.009	11.570

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GPA	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1.565	1	1307	0.009	11.579
1.57	22	1329	0.195	11.774
1.571	2	1331	0.018	11.791
1.58	9	1340	0.080	11.871
1.583	1	1341	0.009	11.880
1.585	1	1342	0.009	11.889
1.588	1	1343	0.009	11.898
1.59	2	1345	0.018	11.915
1.6	13	1358	0.115	12.030
1.607	1	1359	0.009	12.039
1.61	5	1364	0.044	12.084
1.612	1	1365	0.009	12.092
1.615	1	1366	0.009	12.101
1.62	15	1381	0.133	12.234
1.625	2	1383	0.018	12.252
1.628	1	1384	0.009	12.261
1.63	10	1394	0.089	12.349
1.64	11	1405	0.097	12.447
1.647	1	1406	0.009	12.456
1.648	1	1407	0.009	12.465
1.649	1	1408	0.009	12.473
1.65	4	1412	0.035	12.509
1.66	6	1418	0.053	12.562
1.667	8	1426	0.071	12.633
1.67	15	1441	0.133	12.766
1.674	1	1442	0.009	12.775
1.675	1	1443	0.009	12.783
1.679	1	1444	0.009	12.792
1.68	5	1449	0.044	12.837
1.69	9	1458	0.080	12.916
1.692	3	1461	0.027	12.943
1.7	17	1478	0.151	13.094
1.704	1	1479	0.009	13.102
1.705	1	1480	0.009	13.111
1.706	1	1481	0.009	13.120
1.709	1	1482	0.009	13.129
1.71	6	1488	0.053	13.182
1.714	4	1492	0.035	13.218
1.717	1	1493	0.009	13.226
1.72	10	1503	0.089	13.315
1.726	1	1504	0.009	13.324
1.727	1	1505	0.009	13.333
1.73	12	1517	0.106	13.439
1.732	1	1518	0.009	13.448
1.734	1	1519	0.009	13.457
1.735	1	1520	0.009	13.466
1.738	1	1521	0.009	13.474
1.74	9	1530	0.080	13.554
1.747	1	1531	0.009	13.563
1.75	20	1551	0.177	13.740
1.759	1	1552	0.009	13.749
1.76	12	1564	0.106	13.855
1.761	2	1566	0.018	13.873
1.764	1	1567	0.009	13.882
1.769	3	1570	0.027	13.909

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GPA 1	FREQUENCY	GPA FOR 1ST CREDENTL CUM FREQ	PERCENT	CUM PERCENT.
1.77	9	1579	0.080	13.988
1.771	1	1580	0.009	13.997
1.78	11	1591	0.097	14.095
1.789	2	1593	0.018	14.112
1.79	11	1604	0.097	14.210
1.791	1	1605	0.009	14.219
1.795	1	1606	0.009	14.227
1.797	1	1607	0.009	14.236
1.8	21	1628	0.186	14.422
1.801	1	1629	0.009	14.431
1.803	1	1630	0.009	14.440
1.807	1	1631	0.009	14.449
1.809	1	1632	0.009	14.458
1.81	10	1642	0.089	14.546
1.814	1	1643	0.009	14.555
1.815	1	1644	0.009	14.564
1.818	3	1647	0.027	14.591
1.82	15	1662	0.133	14.724
1.823	1	1663	0.009	14.732
1.825	1	1664	0.009	14.741
1.826	1	1665	0.009	14.750
1.83	16	1681	0.142	14.892
1.835	1	1682	0.009	14.901
1.84	11	1693	0.097	14.998
1.844	1	1694	0.009	15.007
1.845	1	1695	0.009	15.016
1.846	1	1696	0.009	15.025
1.85	13	1709	0.115	15.140
1.857	2	1711	0.018	15.158
1.86	13	1724	0.115	15.273
1.862	1	1725	0.009	15.282
1.867	1	1726	0.009	15.291
1.868	1	1727	0.009	15.299
1.87	17	1744	0.151	15.450
1.871	1	1745	0.009	15.459
1.875	2	1747	0.018	15.477
1.88	15	1762	0.133	15.609
1.886	2	1764	0.018	15.627
1.889	2	1766	0.018	15.645
1.89	15	1781	0.133	15.778
1.894	1	1782	0.009	15.787
1.899	1	1783	0.009	15.796
1.9	20	1803	0.177	15.973
1.902	1	1804	0.009	15.982
1.904	1	1805	0.009	15.990
1.909	1	1806	0.009	15.999
1.91	14	1820	0.124	16.123
1.912	2	1822	0.018	16.141
1.916	1	1823	0.009	16.150
1.92	6	1829	0.053	16.203
1.921	1	1830	0.009	16.212
1.922	1	1831	0.009	16.221
1.927	2	1833	0.018	16.238
1.93	10	1843	0.089	16.327
1.933	1	1844	0.009	16.336

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GPA FOR 1ST CREDENTL				
GPA 1	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1.935	1	1845	0.009	16.345
1.938	2	1847	0.018	16.363
1.94	11	1858	0.097	16.460
1.947	1	1859	0.009	16.469
1.95	10	1869	0.089	16.557
1.952	1	1870	0.009	16.566
1.954	1	1871	0.009	16.575
1.955	1	1872	0.009	16.584
1.96	10	1882	0.089	16.673
1.966	1	1883	0.009	16.681
1.97	9	1892	0.080	16.761
1.972	2	1894	0.018	16.779
1.977	1	1895	0.009	16.788
1.98	19	1914	0.168	16.956
1.982	1	1915	0.009	16.965
1.99	9	1924	0.080	17.045
1.992	1	1925	0.009	17.054
2	211	2136	1.869	18.923
2.01	9	2145	0.080	19.002
2.015	1	2146	0.009	19.011
2.018	1	2147	0.009	19.020
2.02	14	2161	0.124	19.144
2.022	2	2163	0.018	19.162
2.024	1	2164	0.009	19.171
2.03	12	2176	0.106	19.277
2.032	1	2177	0.009	19.286
2.038	1	2178	0.009	19.295
2.04	11	2189	0.097	19.392
2.043	1	2190	0.009	19.401
2.046	1	2191	0.009	19.410
2.049	1	2192	0.009	19.419
2.05	16	2208	0.142	19.561
2.052	1	2209	0.009	19.569
2.055	1	2210	0.009	19.578
2.057	1	2211	0.009	19.587
2.06	20	2231	0.177	19.764
2.063	1	2232	0.009	19.773
2.066	1	2233	0.009	19.782
2.067	2	2235	0.018	19.800
2.068	1	2236	0.009	19.809
2.069	1	2237	0.009	19.818
2.07	16	2253	0.142	19.959
2.071	2	2255	0.018	19.977
2.072	1	2256	0.009	19.986
2.077	1	2257	0.009	19.995
2.078	1	2258	0.009	20.004
2.08	20	2278	0.177	20.181
2.082	1	2279	0.009	20.190
2.084	1	2280	0.009	20.198
2.085	1	2281	0.009	20.207
2.086	1	2282	0.009	20.216
2.09	19	2301	0.168	20.384
2.091	1	2302	0.009	20.393
2.093	2	2304	0.018	20.411
2.095	1	2305	0.009	20.420

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GPA1	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.1	24	2329	0.213	20.633
2.104	1	2330	0.009	20.641
2.107	1	2331	0.009	20.650
2.11	13	2344	0.115	20.765
2.111	2	2346	0.018	20.783
2.112	1	2347	0.009	20.792
2.113	1	2348	0.009	20.801
2.115	1	2349	0.009	20.810
2.117	1	2350	0.009	20.819
2.12	13	2363	0.115	20.934
2.121	1	2364	0.009	20.943
2.125	3	2367	0.027	20.969
2.128	2	2369	0.018	20.987
2.129	1	2370	0.009	20.996
2.13	15	2385	0.133	21.129
2.133	1	2386	0.009	21.137
2.134	2	2388	0.018	21.155
2.139	1	2389	0.009	21.164
2.14	19	2408	0.168	21.332
2.143	2	2410	0.018	21.350
2.148	1	2411	0.009	21.359
2.15	17	2428	0.151	21.510
2.155	1	2429	0.009	21.518
2.157	1	2430	0.009	21.527
2.158	1	2431	0.009	21.536
2.16	23	2454	0.204	21.740
2.161	1	2455	0.009	21.749
2.163	1	2456	0.009	21.758
2.164	1	2457	0.009	21.766
2.166	1	2458	0.009	21.775
2.167	2	2460	0.018	21.793
2.168	1	2461	0.009	21.802
2.17	20	2481	0.177	21.979
2.174	2	2483	0.018	21.997
2.176	1	2484	0.009	22.006
2.177	3	2487	0.027	22.032
2.178	1	2488	0.009	22.041
2.18	19	2507	0.168	22.209
2.185	1	2508	0.009	22.218
2.187	2	2510	0.018	22.236
2.188	2	2512	0.018	22.254
2.19	16	2528	0.142	22.395
2.196	1	2529	0.009	22.404
2.2	28	2557	0.248	22.652
2.21	21	2578	0.186	22.838
2.212	1	2579	0.009	22.847
2.213	1	2580	0.009	22.856
2.216	1	2581	0.009	22.865
2.217	1	2582	0.009	22.874
2.218	1	2583	0.009	22.883
2.22	19	2602	0.168	23.051
2.221	1	2603	0.009	23.060
2.222	3	2606	0.027	23.086
2.223	1	2607	0.009	23.095
2.227	1	2608	0.009	23.104

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GPA1	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.23	28	2636	0.248	23.352
2.231	2	2638	0.018	23.370
2.232	2	2640	0.018	23.388
2.233	1	2641	0.009	23.397
2.237	1	2642	0.009	23.405
2.24	14	2656	0.124	23.529
2.243	1	2657	0.009	23.538
2.245	2	2659	0.018	23.556
2.25	40	2699	0.354	23.910
2.255	1	2700	0.009	23.919
2.257	1	2701	0.009	23.928
2.258	2	2703	0.018	23.946
2.26	12	2715	0.106	24.052
2.262	1	2716	0.009	24.061
2.263	1	2717	0.009	24.070
2.266	1	2718	0.009	24.079
2.27	23	2741	0.204	24.282
2.271	1	2742	0.009	24.291
2.272	1	2743	0.009	24.300
2.274	2	2745	0.018	24.318
2.275	2	2747	0.018	24.336
2.28	17	2764	0.151	24.486
2.282	1	2765	0.009	24.495
2.284	1	2766	0.009	24.504
2.285	3	2769	0.027	24.530
2.286	1	2770	0.009	24.539
2.288	1	2771	0.009	24.548
2.29	14	2785	0.124	24.672
2.294	1	2786	0.009	24.681
2.297	1	2787	0.009	24.690
2.3	31	2818	0.275	24.965
2.301	1	2819	0.009	24.973
2.306	1	2820	0.009	24.982
2.308	1	2821	0.009	24.991
2.31	21	2842	0.186	25.177
2.311	2	2844	0.018	25.195
2.312	1	2845	0.009	25.204
2.313	1	2846	0.009	25.213
2.314	1	2847	0.009	25.221
2.318	1	2848	0.009	25.230
2.319	1	2849	0.009	25.239
2.32	16	2865	0.142	25.381
2.321	1	2866	0.009	25.390
2.322	1	2867	0.009	25.399
2.325	1	2868	0.009	25.408
2.33	38	2906	0.337	25.744
2.331	1	2907	0.009	25.753
2.333	7	2914	0.062	25.815
2.334	1	2915	0.009	25.824
2.338	3	2918	0.027	25.850
2.34	15	2933	0.133	25.983
2.342	1	2934	0.009	25.992
2.343	1	2935	0.009	26.001
2.344	1	2936	0.009	26.010
2.345	1	2937	0.009	26.019

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GPA1	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.346	1	2938	0.009	26.028
2.347	1	2939	0.009	26.036
2.348	1	2940	0.009	26.045
2.35	20	2960	0.177	26.223
2.354	1	2961	0.009	26.231
2.355	2	2963	0.018	26.249
2.356	1	2964	0.009	26.258
2.357	2	2966	0.018	26.276
2.359	1	2967	0.009	26.285
2.36	24	2991	0.213	26.497
2.361	1	2992	0.009	26.506
2.364	1	2993	0.009	26.515
2.37	24	3017	0.213	26.727
2.375	1	3018	0.009	26.736
2.377	1	3019	0.009	26.745
2.378	1	3020	0.009	26.754
2.38	24	3044	0.213	26.967
2.384	2	3046	0.018	26.984
2.386	1	3047	0.009	26.993
2.387	1	3048	0.009	27.002
2.39	14	3062	0.124	27.126
2.391	1	3063	0.009	27.135
2.392	2	3065	0.018	27.153
2.393	1	3066	0.009	27.162
2.394	1	3067	0.009	27.170
2.395	1	3068	0.009	27.179
2.4	34	3102	0.301	27.481
2.401	1	3103	0.009	27.489
2.406	1	3104	0.009	27.498
2.41	19	3123	0.168	27.667
2.413	2	3125	0.018	27.684
2.414	1	3126	0.009	27.693
2.416	1	3127	0.009	27.702
2.417	1	3128	0.009	27.711
2.419	3	3131	0.027	27.737
2.42	19	3150	0.168	27.906
2.424	1	3151	0.009	27.915
2.426	1	3152	0.009	27.923
2.428	1	3153	0.009	27.932
2.429	3	3156	0.027	27.959
2.43	30	3186	0.266	28.225
2.431	1	3187	0.009	28.234
2.434	1	3188	0.009	28.242
2.435	4	3192	0.035	28.278
2.436	2	3194	0.018	28.296
2.438	1	3195	0.009	28.304
2.439	1	3196	0.009	28.313
2.44	31	3227	0.275	28.588
2.444	1	3228	0.009	28.597
2.445	1	3229	0.009	28.606
2.45	16	3245	0.142	28.747
2.453	1	3246	0.009	28.756
2.454	1	3247	0.009	28.765
2.457	1	3248	0.009	28.774
2.458	2	3250	0.018	28.792



## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GPA1	GPA FOR 1ST CREDENTL			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.459	1	3251	0.009	28.800
2.46	20	3271	0.177	28.978
2.461	1	3272	0.009	28.987
2.462	1	3273	0.009	28.995
2.466	1	3274	0.009	29.004
2.47	23	3297	0.204	29.208
2.471	2	3299	0.018	29.226
2.472	1	3300	0.009	29.235
2.475	1	3301	0.009	29.243
2.476	2	3303	0.018	29.261
2.477	2	3305	0.018	29.279
2.478	1	3306	0.009	29.288
2.48	16	3322	0.142	29.429
2.481	1	3323	0.009	29.438
2.483	1	3324	0.009	29.447
2.488	1	3325	0.009	29.456
2.49	13	3338	0.115	29.571
2.492	1	3339	0.009	29.580
2.493	1	3340	0.009	29.589
2.494	2	3342	0.018	29.607
2.496	2	3344	0.018	29.624
2.5	90	3434	0.797	30.422
2.509	1	3435	0.009	30.431
2.51	21	3456	0.186	30.617
2.512	1	3457	0.009	30.625
2.515	1	3458	0.009	30.634
2.517	1	3459	0.009	30.643
2.518	1	3460	0.009	30.652
2.52	19	3479	0.168	30.820
2.521	2	3481	0.018	30.838
2.523	1	3482	0.009	30.847
2.526	1	3483	0.009	30.856
2.528	1	3484	0.009	30.865
2.529	1	3485	0.009	30.873
2.53	23	3508	0.204	31.077
2.536	1	3509	0.009	31.086
2.537	1	3510	0.009	31.095
2.538	2	3512	0.018	31.113
2.54	24	3536	0.213	31.325
2.543	1	3537	0.009	31.334
2.544	1	3538	0.009	31.343
2.546	1	3539	0.009	31.352
2.549	1	3540	0.009	31.361
2.55	24	3564	0.213	31.573
2.551	1	3565	0.009	31.582
2.555	1	3566	0.009	31.591
2.556	5	3571	0.044	31.635
2.559	1	3572	0.009	31.644
2.56	16	3588	0.142	31.786
2.562	1	3589	0.009	31.795
2.563	1	3590	0.009	31.804
2.564	2	3592	0.018	31.821
2.565	2	3594	0.018	31.839
2.567	3	3597	0.027	31.866
2.57	32	3629	0.283	32.149

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GPA FOR 1ST CREDENTL				
GPA1	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.571	3	3632	0.027	32.176
2.576	1	3633	0.009	32.185
2.577	1	3634	0.009	32.193
2.578	1	3635	0.009	32.202
2.576	2	3637	0.016	32.220
2.58	20	3657	0.177	32.397
2.583	2	3659	0.016	32.415
2.586	1	3660	0.009	32.424
2.59	16	3676	0.159	32.583
2.592	1	3679	0.009	32.592
2.6	26	3705	0.230	32.822
2.601	1	3706	0.009	32.831
2.61	21	3727	0.186	33.017
2.611	1	3728	0.009	33.026
2.613	1	3729	0.009	33.035
2.614	1	3730	0.009	33.044
2.616	1	3731	0.009	33.053
2.617	2	3733	0.016	33.071
2.62	21	3754	0.186	33.257
2.621	1	3755	0.009	33.265
2.622	1	3756	0.009	33.274
2.623	2	3758	0.016	33.292
2.625	2	3760	0.016	33.310
2.627	1	3761	0.009	33.319
2.629	2	3763	0.016	33.336
2.63	19	3782	0.166	33.505
2.631	1	3783	0.009	33.513
2.632	1	3784	0.009	33.522
2.635	2	3786	0.016	33.540
2.636	2	3788	0.016	33.558
2.64	19	3807	0.166	33.726
2.644	1	3808	0.009	33.735
2.647	2	3810	0.016	33.753
2.649	1	3811	0.009	33.762
2.65	17	3828	0.151	33.912
2.652	1	3829	0.009	33.921
2.653	1	3830	0.009	33.930
2.657	1	3831	0.009	33.939
2.658	1	3832	0.009	33.948
2.659	1	3833	0.009	33.956
2.66	24	3857	0.213	34.169
2.661	4	3861	0.035	34.204
2.662	1	3862	0.009	34.213
2.666	3	3865	0.027	34.240
2.667	3	3868	0.027	34.266
2.669	1	3869	0.009	34.275
2.67	36	3907	0.337	34.612
2.672	1	3908	0.009	34.621
2.673	1	3909	0.009	34.630
2.676	1	3910	0.009	34.639
2.679	1	3911	0.009	34.647
2.68	19	3930	0.166	34.816
2.681	1	3931	0.009	34.825
2.685	1	3932	0.009	34.833
2.688	3	3935	0.027	34.860

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GPA 1	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.689	1	3936	0.009	34.869
2.69	23	3959	0.204	35.073
2.691	2	3961	0.018	35.090
2.692	1	3962	0.009	35.099
2.695	1	3963	0.009	35.108
2.696	3	3966	0.027	35.135
2.697	2	3968	0.018	35.152
2.698	2	3970	0.018	35.170
2.7	33	4003	0.292	35.462
2.701	1	4004	0.009	35.471
2.703	1	4005	0.009	35.480
2.707	1	4006	0.009	35.489
2.71	20	4026	0.177	35.666
2.712	1	4027	0.009	35.675
2.714	1	4028	0.009	35.684
2.716	1	4029	0.009	35.693
2.717	1	4030	0.009	35.702
2.718	1	4031	0.009	35.710
2.72	22	4053	0.195	35.905
2.724	3	4056	0.027	35.932
2.727	1	4057	0.009	35.941
2.728	1	4058	0.009	35.950
2.729	1	4059	0.009	35.959
2.73	23	4082	0.204	36.162
2.732	1	4083	0.009	36.171
2.734	1	4084	0.009	36.180
2.737	3	4087	0.027	36.207
2.74	18	4105	0.159	36.366
2.741	1	4106	0.009	36.375
2.742	1	4107	0.009	36.384
2.746	1	4108	0.009	36.393
2.75	31	4139	0.275	36.667
2.752	1	4140	0.009	36.676
2.753	1	4141	0.009	36.685
2.754	1	4142	0.009	36.694
2.76	18	4160	0.159	36.853
2.765	3	4163	0.027	36.880
2.767	1	4164	0.009	36.889
2.769	1	4165	0.009	36.898
2.77	17	4182	0.151	37.048
2.771	1	4183	0.009	37.057
2.772	2	4185	0.018	37.075
2.773	1	4186	0.009	37.084
2.774	1	4187	0.009	37.092
2.775	2	4189	0.018	37.110
2.778	2	4191	0.018	37.128
2.78	25	4216	0.221	37.349
2.781	2	4218	0.018	37.367
2.784	2	4220	0.018	37.385
2.785	1	4221	0.009	37.394
2.786	1	4222	0.009	37.403
2.787	2	4224	0.018	37.420
2.789	1	4225	0.009	37.429
2.79	16	4241	0.142	37.571
2.791	1	4242	0.009	37.580

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GPA FOR 1ST CREDENTL				
GPA 1	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.792	1	4243	0.009	37.589
2.793	2	4245	0.018	37.606
2.795	1	4246	0.009	37.615
2.8	49	4295	0.434	38.049
2.806	2	4297	0.018	38.067
2.81	30	4327	0.266	38.333
2.813	1	4328	0.009	38.342
2.814	1	4329	0.009	38.350
2.815	1	4330	0.009	38.359
2.816	1	4331	0.009	38.368
2.817	1	4332	0.009	38.377
2.82	27	4359	0.239	38.616
2.821	1	4360	0.009	38.625
2.824	1	4361	0.009	38.634
2.826	1	4362	0.009	38.643
2.829	1	4363	0.009	38.652
2.83	32	4395	0.283	38.935
2.837	1	4396	0.009	38.944
2.84	21	4417	0.186	39.130
2.841	1	4418	0.009	39.139
2.843	1	4419	0.009	39.148
2.846	1	4420	0.009	39.157
2.848	1	4421	0.009	39.165
2.849	1	4422	0.009	39.174
2.85	19	4441	0.168	39.343
2.852	1	4442	0.009	39.352
2.854	1	4443	0.009	39.360
2.856	1	4444	0.009	39.369
2.858	1	4445	0.009	39.378
2.86	21	4466	0.186	39.564
2.863	1	4467	0.009	39.573
2.866	2	4469	0.018	39.591
2.87	17	4486	0.151	39.741
2.872	1	4487	0.009	39.750
2.874	1	4488	0.009	39.759
2.875	2	4490	0.018	39.777
2.878	1	4491	0.009	39.786
2.879	1	4492	0.009	39.794
2.88	20	4512	0.177	39.972
2.881	1	4513	0.009	39.981
2.882	1	4514	0.009	39.989
2.883	1	4515	0.009	39.998
2.884	2	4517	0.018	40.016
2.885	1	4518	0.009	40.025
2.887	1	4519	0.009	40.034
2.889	1	4520	0.009	40.043
2.89	19	4539	0.168	40.211
2.891	1	4540	0.009	40.220
2.893	1	4541	0.009	40.229
2.897	1	4542	0.009	40.237
2.9	20	4562	0.177	40.415
2.901	1	4563	0.009	40.423
2.903	1	4564	0.009	40.432
2.906	1	4565	0.009	40.441
2.91	22	4587	0.195	40.636

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GPA FOR 1ST CREDNTL				
GPA1	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.917	1	4588	0.009	40.645
2.919	1	4589	0.009	40.654
2.92	20	4609	0.177	40.831
2.921	1	4610	0.009	40.840
2.923	2	4612	0.018	40.858
2.925	1	4613	0.009	40.866
2.926	1	4614	0.009	40.875
2.929	1	4615	0.009	40.884
2.93	8	4623	0.071	40.955
2.931	1	4624	0.009	40.964
2.933	1	4625	0.009	40.973
2.934	1	4626	0.009	40.982
2.935	2	4628	0.018	40.999
2.938	1	4629	0.009	41.008
2.94	17	4646	0.151	41.159
2.942	1	4647	0.009	41.168
2.943	2	4649	0.018	41.185
2.944	1	4650	0.009	41.194
2.945	2	4652	0.018	41.212
2.946	1	4653	0.009	41.221
2.947	1	4654	0.009	41.230
2.948	1	4655	0.009	41.238
2.95	10	4665	0.089	41.327
2.955	1	4666	0.009	41.336
2.96	18	4684	0.159	41.495
2.965	1	4685	0.009	41.504
2.966	1	4686	0.009	41.513
2.967	1	4687	0.009	41.522
2.968	1	4688	0.009	41.531
2.97	17	4705	0.151	41.681
2.971	1	4706	0.009	41.690
2.972	1	4707	0.009	41.699
2.973	1	4708	0.009	41.708
2.975	2	4710	0.018	41.726
2.977	1	4711	0.009	41.735
2.979	1	4712	0.009	41.743
2.98	13	4725	0.115	41.859
2.982	1	4726	0.009	41.867
2.984	1	4727	0.009	41.876
2.985	1	4728	0.009	41.885
2.988	1	4729	0.009	41.894
2.989	1	4730	0.009	41.903
2.99	8	4738	0.071	41.974
2.992	1	4739	0.009	41.983
2.996	1	4740	0.009	41.991
2.998	1	4741	0.009	42.000
2.999	1	4742	0.009	42.009
3	237	4979	2.100	44.109
3.003	1	4980	0.009	44.118
3.007	1	4981	0.009	44.127
3.008	1	4982	0.009	44.135
3.009	1	4983	0.009	44.144
3.01	9	4992	0.080	44.224
3.02	13	5005	0.115	44.339
3.021	1	5006	0.009	44.348

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GPA1	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
3.024	1	5007	0.009	44.357
3.03	16	5023	0.142	44.499
3.031	1	5024	0.009	44.507
3.033	2	5026	0.018	44.525
3.035	1	5027	0.009	44.534
3.036	1	5028	0.009	44.543
3.037	2	5030	0.018	44.561
3.04	17	5047	0.151	44.711
3.041	1	5048	0.009	44.720
3.042	1	5049	0.009	44.729
3.043	2	5051	0.018	44.747
3.045	1	5052	0.009	44.755
3.047	2	5054	0.018	44.773
3.048	1	5055	0.009	44.782
3.049	2	5057	0.018	44.800
3.05	18	5075	0.159	44.959
3.053	2	5077	0.018	44.977
3.057	1	5078	0.009	44.986
3.06	18	5096	0.159	45.145
3.061	1	5097	0.009	45.154
3.063	1	5098	0.009	45.163
3.064	1	5099	0.009	45.172
3.068	1	5100	0.009	45.181
3.07	17	5117	0.151	45.331
3.071	1	5118	0.009	45.340
3.072	2	5120	0.018	45.358
3.075	1	5121	0.009	45.367
3.08	26	5147	0.230	45.597
3.082	1	5148	0.009	45.606
3.086	1	5149	0.009	45.615
3.087	1	5150	0.009	45.624
3.09	19	5169	0.168	45.792
3.091	1	5170	0.009	45.801
3.093	1	5171	0.009	45.810
3.1	22	5193	0.195	46.005
3.103	1	5194	0.009	46.013
3.105	1	5195	0.009	46.022
3.11	17	5212	0.151	46.173
3.111	1	5213	0.009	46.182
3.113	2	5215	0.018	46.200
3.114	3	5218	0.027	46.226
3.115	1	5219	0.009	46.235
3.117	1	5220	0.009	46.244
3.119	1	5221	0.009	46.253
3.12	12	5233	0.106	46.359
3.121	2	5235	0.018	46.377
3.122	1	5236	0.009	46.386
3.128	1	5237	0.009	46.394
3.129	1	5238	0.009	46.403
3.13	19	5257	0.168	46.572
3.132	1	5258	0.009	46.580
3.136	1	5259	0.009	46.589
3.14	24	5283	0.213	46.802
3.141	1	5284	0.009	46.811
3.142	1	5285	0.009	46.820

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GPA1	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
3.147	1	5286	0.009	46.828
3.15	13	5299	0.115	46.944
3.159	1	5300	0.009	46.953
3.16	18	5318	0.159	47.112
3.162	1	5319	0.009	47.121
3.164	1	5320	0.009	47.130
3.166	1	5321	0.009	47.139
3.167	3	5324	0.027	47.165
3.169	1	5325	0.009	47.174
3.17	15	5340	0.133	47.307
3.172	2	5342	0.018	47.325
3.177	1	5343	0.009	47.333
3.178	1	5344	0.009	47.342
3.18	25	5369	0.221	47.564
3.182	2	5371	0.018	47.582
3.183	1	5372	0.009	47.590
3.184	1	5373	0.009	47.599
3.187	2	5375	0.018	47.617
3.19	12	5387	0.106	47.723
3.194	1	5388	0.009	47.732
3.197	1	5389	0.009	47.741
3.199	1	5390	0.009	47.750
3.2	26	5416	0.230	47.980
3.202	1	5417	0.009	47.989
3.204	1	5418	0.009	47.998
3.205	1	5419	0.009	48.007
3.206	1	5420	0.009	48.016
3.208	1	5421	0.009	48.024
3.21	14	5435	0.124	48.148
3.211	1	5436	0.009	48.157
3.216	1	5437	0.009	48.166
3.22	15	5452	0.133	48.299
3.222	1	5453	0.009	48.308
3.225	1	5454	0.009	48.317
3.226	1	5455	0.009	48.326
3.23	22	5477	0.195	48.521
3.231	1	5478	0.009	48.529
3.236	1	5479	0.009	48.538
3.24	14	5493	0.124	48.662
3.242	1	5494	0.009	48.671
3.247	1	5495	0.009	48.680
3.248	1	5496	0.009	48.689
3.25	35	5531	0.310	48.999
3.254	2	5533	0.018	49.017
3.256	1	5534	0.009	49.026
3.26	13	5547	0.115	49.141
3.264	1	5548	0.009	49.150
3.265	1	5549	0.009	49.158
3.266	1	5550	0.009	49.167
3.267	2	5552	0.018	49.185
3.269	1	5553	0.009	49.194
3.27	20	5573	0.177	49.371
3.275	2	5575	0.018	49.389
3.28	13	5588	0.115	49.504
3.282	1	5589	0.009	49.513

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GPA1	GPA FOR 1ST CREDENTL			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
3.285	2	5591	0.018	49.530
3.286	1	5592	0.009	49.539
3.29	20	5612	0.177	49.717
3.292	1	5613	0.009	49.725
3.293	1	5614	0.009	49.734
3.295	1	5615	0.009	49.743
3.3	23	5638	0.204	49.947
3.304	1	5639	0.009	49.956
3.306	4	5643	0.035	49.991
3.309	1	5644	0.009	50.000
3.31	22	5666	0.195	50.195
3.315	1	5667	0.009	50.204
3.317	1	5668	0.009	50.213
3.318	1	5669	0.009	50.221
3.32	21	5690	0.186	50.408
3.323	3	5693	0.027	50.434
3.325	1	5694	0.009	50.443
3.327	1	5695	0.009	50.452
3.329	1	5696	0.009	50.461
3.33	27	5723	0.239	50.700
3.332	1	5724	0.009	50.709
3.333	6	5730	0.053	50.762
3.338	2	5732	0.018	50.780
3.34	13	5745	0.115	50.895
3.348	1	5746	0.009	50.904
3.35	8	5754	0.071	50.974
3.351	1	5755	0.009	50.983
3.353	3	5758	0.027	51.010
3.354	1	5759	0.009	51.019
3.36	15	5774	0.133	51.152
3.361	1	5775	0.009	51.161
3.364	2	5777	0.018	51.178
3.368	2	5779	0.018	51.196
3.37	8	5787	0.071	51.267
3.375	1	5788	0.009	51.276
3.376	1	5789	0.009	51.285
3.38	12	5801	0.106	51.391
3.381	2	5803	0.018	51.409
3.383	3	5806	0.027	51.435
3.384	1	5807	0.009	51.444
3.385	2	5809	0.018	51.462
3.387	1	5810	0.009	51.471
3.388	2	5812	0.018	51.488
3.389	1	5813	0.009	51.497
3.39	2	5815	0.018	51.515
3.391	2	5817	0.018	51.533
3.395	1	5818	0.009	51.541
3.398	1	5819	0.009	51.550
3.4	24	5843	0.213	51.763
3.405	2	5845	0.018	51.781
3.407	1	5846	0.009	51.790
3.408	1	5847	0.009	51.798
3.41	11	5858	0.097	51.896
3.411	1	5859	0.009	51.905
3.413	1	5860	0.009	51.914



## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GPA 1	GPA FOR 1ST CREDENTL			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
3.415	2	5862	0.018	51.931
3.42	7	5869	0.062	51.993
3.421	1	5870	0.009	52.002
3.424	1	5871	0.009	52.011
3.429	3	5874	0.027	52.038
3.43	10	5884	0.089	52.126
3.433	1	5885	0.009	52.135
3.437	1	5886	0.009	52.144
3.438	1	5887	0.009	52.153
3.44	15	5902	0.133	52.286
3.443	1	5903	0.009	52.294
3.444	1	5904	0.009	52.303
3.45	9	5913	0.080	52.383
3.452	1	5914	0.009	52.392
3.453	2	5916	0.018	52.410
3.454	1	5917	0.009	52.418
3.459	1	5918	0.009	52.427
3.46	8	5926	0.071	52.498
3.47	4	5930	0.035	52.534
3.478	1	5931	0.009	52.543
3.48	11	5942	0.097	52.640
3.489	1	5943	0.009	52.649
3.49	5	5948	0.044	52.693
3.492	1	5949	0.009	52.702
3.497	1	5950	0.009	52.711
3.5	51	6001	0.452	53.163
3.508	1	6002	0.009	53.172
3.51	8	6010	0.071	53.242
3.511	1	6011	0.009	53.251
3.52	7	6018	0.062	53.313
3.521	2	6020	0.018	53.331
3.524	1	6021	0.009	53.340
3.53	7	6028	0.062	53.402
3.533	1	6029	0.009	53.411
3.536	1	6030	0.009	53.420
3.537	1	6031	0.009	53.428
3.538	1	6032	0.009	53.437
3.54	9	6041	0.080	53.517
3.541	2	6043	0.018	53.535
3.542	2	6045	0.018	53.552
3.55	10	6055	0.089	53.641
3.556	1	6056	0.009	53.650
3.56	4	6060	0.035	53.685
3.563	1	6061	0.009	53.694
3.568	1	6062	0.009	53.703
3.57	10	6072	0.089	53.792
3.571	3	6075	0.027	53.818
3.572	1	6076	0.009	53.827
3.573	1	6077	0.009	53.836
3.575	1	6078	0.009	53.845
3.576	1	6079	0.009	53.854
3.577	1	6080	0.009	53.863
3.58	9	6089	0.080	53.942
3.59	13	6102	0.115	54.057
3.594	1	6103	0.009	54.066

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GPA1	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
3.597	1	6104	0.009	54.075
3.6	15	6119	0.133	54.208
3.601	1	6120	0.009	54.217
3.602	1	6121	0.009	54.226
3.603	1	6122	0.009	54.235
3.61	7	6129	0.062	54.297
3.613	1	6130	0.009	54.305
3.615	1	6131	0.009	54.314
3.616	2	6133	0.018	54.332
3.617	1	6134	0.009	54.341
3.618	1	6135	0.009	54.350
3.62	5	6140	0.044	54.394
3.622	1	6141	0.009	54.403
3.625	1	6142	0.009	54.412
3.627	1	6143	0.009	54.421
3.63	6	6149	0.053	54.474
3.638	1	6150	0.009	54.483
3.64	9	6159	0.080	54.562
3.646	1	6160	0.009	54.571
3.65	7	6167	0.062	54.633
3.66	11	6178	0.097	54.731
3.661	1	6179	0.009	54.740
3.663	1	6180	0.009	54.748
3.667	1	6181	0.009	54.757
3.67	13	6194	0.115	54.872
3.671	1	6195	0.009	54.881
3.672	1	6196	0.009	54.890
3.676	1	6197	0.009	54.899
3.68	5	6202	0.044	54.943
3.69	9	6211	0.080	55.023
3.691	1	6212	0.009	55.032
3.693	1	6213	0.009	55.041
3.7	17	6230	0.151	55.191
3.71	6	6236	0.053	55.245
3.714	2	6238	0.018	55.262
3.717	1	6239	0.009	55.271
3.72	9	6248	0.080	55.351
3.727	2	6250	0.018	55.369
3.73	11	6261	0.097	55.466
3.734	2	6263	0.018	55.484
3.74	3	6266	0.027	55.510
3.742	1	6267	0.009	55.519
3.75	12	6279	0.106	55.625
3.758	1	6280	0.009	55.634
3.76	7	6287	0.062	55.696
3.763	1	6288	0.009	55.705
3.766	1	6289	0.009	55.714
3.769	1	6290	0.009	55.723
3.77	5	6295	0.044	55.767
3.771	1	6296	0.009	55.776
3.772	1	6297	0.009	55.785
3.78	6	6303	0.053	55.838
3.785	1	6304	0.009	55.847
3.79	6	6310	0.053	55.900
3.793	1	6311	0.009	55.909

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GPA1	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
3.8	15	6326	0.133	56.042
3.802	1	6327	0.009	56.051
3.805	1	6328	0.009	56.060
3.809	1	6329	0.009	56.068
3.81	5	6334	0.044	56.113
3.82	5	6339	0.044	56.157
3.822	1	6340	0.009	56.166
3.823	1	6341	0.009	56.175
3.83	13	6354	0.115	56.290
3.831	1	6355	0.009	56.299
3.838	1	6356	0.009	56.308
3.84	5	6361	0.044	56.352
3.849	1	6362	0.009	56.361
3.85	4	6366	0.035	56.396
3.854	1	6367	0.009	56.405
3.86	2	6369	0.018	56.423
3.87	2	6371	0.018	56.440
3.875	1	6372	0.009	56.449
3.879	1	6373	0.009	56.458
3.88	5	6378	0.044	56.502
3.889	1	6379	0.009	56.511
3.89	4	6383	0.035	56.547
3.9	6	6389	0.053	56.600
3.903	1	6390	0.009	56.609
3.907	1	6391	0.009	56.618
3.908	1	6392	0.009	56.627
3.909	1	6393	0.009	56.635
3.91	4	6397	0.035	56.671
3.92	3	6400	0.027	56.697
3.926	1	6401	0.009	56.706
3.93	2	6403	0.018	56.724
3.936	2	6405	0.018	56.742
3.94	2	6407	0.018	56.759
3.944	1	6408	0.009	56.768
3.95	6	6414	0.053	56.821
3.959	1	6415	0.009	56.830
3.96	5	6420	0.044	56.875
3.97	2	6422	0.018	56.892
3.98	2	6424	0.018	56.910
3.985	1	6425	0.009	56.919
4	171	6596	1.515	58.434
4.14	1	6597	0.009	58.443
4.143	1	6598	0.009	58.451
4.15	2	6600	0.018	58.469
4.17	1	6601	0.009	58.478
4.246	1	6602	0.009	58.487
4.29	1	6603	0.009	58.496
4.31	1	6604	0.009	58.505
4.32	2	6606	0.018	58.522
4.327	1	6607	0.009	58.531
4.33	1	6608	0.009	58.540
4.35	1	6609	0.009	58.549
4.36	1	6610	0.009	58.558
4.39	1	6611	0.009	58.567
4.397	2	6613	0.018	58.584

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GPA1	FREQUENCY	GPA FOR 1ST CREDNTL CUM FREQ	PERCENT	CUM PERCENT
4.4	1	6614	0.009	58.593
4.41	1	6615	0.009	58.602
4.43	1	6616	0.009	58.611
4.433	1	6617	0.009	58.620
4.45	1	6618	0.009	58.629
4.458	1	6619	0.009	58.637
4.52	1	6620	0.009	58.646
4.603	1	6621	0.009	58.655
4.64	2	6623	0.018	58.673
4.72	1	6624	0.009	58.682
4.729	1	6625	0.009	58.691
4.73	1	6626	0.009	58.700
4.776	1	6627	0.009	58.708
4.78	1	6628	0.009	58.717
4.785	1	6629	0.009	58.726
4.81	1	6630	0.009	58.735
4.84	1	6631	0.009	58.744
4.86	1	6632	0.009	58.753
4.89	1	6633	0.009	58.762
4.98	1	6634	0.009	58.770
4.991	1	6635	0.009	58.779
5	1	6636	0.009	58.788
5.13	1	6637	0.009	58.797
5.22	1	6638	0.009	58.806
5.59	1	6639	0.009	58.815
5.75	1	6640	0.009	58.824
5.88	1	6641	0.009	58.832
6	1	6642	0.009	58.841
69.5	1	6643	0.009	58.850
78.6	1	6644	0.009	58.859
79	1	6645	0.009	58.868
80.6	1	6646	0.009	58.877
82	1	6647	0.009	58.886
83.8	1	6648	0.009	58.894
84	1	6649	0.009	58.903
86	1	6650	0.009	58.912
87.5	1	6651	0.009	58.921
88	1	6652	0.009	58.930
88.5	1	6653	0.009	58.939
91	1	6654	0.009	58.948
93.1	1	6655	0.009	58.956
93.2	1	6656	0.009	58.965
94.5	1	6657	0.009	58.974
95.3	1	6658	0.009	58.983
100	1	6659	0.009	58.992
999.999	4629	11288	41.008	100.000

TRANSCRIPT-LEVEL FILE FREQUENCIES

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GPA FOR 2ND CREDENTL				
GPA2	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0	1	1	0.009	0.009
1.803	1	2	0.009	0.018
2.25	1	3	0.009	0.027
2.26	1	4	0.009	0.035
2.3	1	5	0.009	0.044
2.343	1	6	0.009	0.053
2.439	1	7	0.009	0.062
2.44	1	8	0.009	0.071
2.45	1	9	0.009	0.080
2.54	1	10	0.009	0.089
2.647	1	11	0.009	0.097
2.759	1	12	0.009	0.106
2.81	1	13	0.009	0.115
2.85	1	14	0.009	0.124
2.875	1	15	0.009	0.133
2.92	2	17	0.018	0.151
2.925	1	18	0.009	0.159
3.02	1	19	0.009	0.168
3.15	1	20	0.009	0.177
3.192	1	21	0.009	0.186
3.204	1	22	0.009	0.195
3.221	1	23	0.009	0.204
3.25	1	24	0.009	0.213
3.267	1	25	0.009	0.221
3.29	1	26	0.009	0.230
3.36	1	27	0.009	0.239
3.4	1	28	0.009	0.248
3.41	1	29	0.009	0.257
3.53	1	30	0.009	0.266
3.583	1	31	0.009	0.275
3.71	1	32	0.009	0.283
3.78	1	33	0.009	0.292
3.95	1	34	0.009	0.301
999.999	11254	11288	99.699	100.000

GPA FOR 3RD CREDENTL				
GPA3	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.81	1	1	0.009	0.009
3.8	1	2	0.009	0.018
999.999	11286	11288	99.982	100.000

TRANSCRIPT-LEVEL FILE FREQUENCIES

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DEGMON1	MO. RCVD 1ST CREDNTL FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
JANUARY	37	37	0.328	0.328
FEBRUARY	23	60	0.204	0.532
MARCH	35	95	0.310	0.842
APRIL	87	182	0.771	1.612
MAY	1061	1243	9.399	11.012
JUNE	358	1601	3.172	14.183
JULY	46	1647	0.408	14.591
AUGUST	140	1787	1.240	15.831
SEPTEMBER	28	1815	0.248	16.079
OCTOBER	10	1825	0.089	16.168
NOVEMBER	14	1839	0.124	16.292
DECEMBER	137	1976	1.214	17.505
MISSING	9312	11288	82.495	100.000

DEGMON2	MO. RCVD 2ND CREDNTL FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
JANUARY	4	4	0.035	0.035
FEBRUARY	3	7	0.027	0.062
APRIL	3	10	0.027	0.089
MAY	23	33	0.204	0.292
JUNE	10	43	0.089	0.381
JULY	1	44	0.009	0.390
AUGUST	3	47	0.027	0.416
OCTOBER	1	48	0.009	0.425
DECEMBER	1	49	0.009	0.434
MISSING	11239	11288	99.566	100.000

DEGMON3	MO. RCVD 3RD CREDNTL FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
JUNE	1	1	0.009	0.009
OCTOBER	1	2	0.009	0.018
MISSING	11286	11288	99.982	100.000

DEGYR1	YR. RCVD 1ST CREDNTL FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1980	23	23	0.204	0.204
1981	83	106	0.735	0.939
1982	432	538	3.827	4.766
1983	345	883	3.056	7.822
1984	1116	1999	9.887	17.709
MISSING	9289	11288	82.291	100.000

TRANSCRIPT-LEVEL FILE FREQUENCIES

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DEGYR2	YR. RCVD 2ND CREDNTI FREQUENCY CUM FREQ	PERCENT	CUM PERCENT
1982	5	5	0.044
1983	12	17	0.106
1984	32	49	0.283
MISSING	11239	11288	99.566
			100.000

DEGYR3	YR RCVD 3RD CREDNTL FREQUENCY CUM FREQ	PERCENT	CUM PERCENT
1983	2	2	0.018
MISSING	11286	11288	99.982
			100.000

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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MAJCIPI	FREQUENCY	CIP CODE 1ST MAJOR CUM FREQ	PERCENT	CUM PERCENT
10101	14	14	0.124	0.124
10102	2	16	0.018	0.142
10103	2	18	0.018	0.159
10104	4	22	0.035	0.195
10201	2	24	0.018	0.213
10203	1	25	0.009	0.221
10299	1	26	0.009	0.230
10302	1	27	0.009	0.239
10601	2	29	0.018	0.257
10606	3	32	0.027	0.283
19999	1	33	0.009	0.292
20101	10	43	0.089	0.381
20201	11	54	0.097	0.478
20209	2	56	0.018	0.496
20299	1	57	0.009	0.505
20301	1	58	0.009	0.514
20302	1	59	0.009	0.523
20401	2	61	0.018	0.540
20402	3	64	0.027	0.567
20409	1	65	0.009	0.576
29999	1	66	0.009	0.585
30101	2	68	0.018	0.602
30302	1	69	0.009	0.611
30501	1	70	0.009	0.620
30504	1	71	0.009	0.629
39999	2	73	0.018	0.647
40101	5	78	0.044	0.691
40201	12	90	0.106	0.797
40401	2	92	0.018	0.815
40601	5	97	0.044	0.859
40601	2	99	0.018	0.877
49999	2	101	0.018	0.895
50102	2	103	0.018	0.912
50104	2	105	0.018	0.930
50107	1	106	0.009	0.939
50113	1	107	0.009	0.948
50114	1	108	0.009	0.957
50199	1	109	0.009	0.966
50201	1	110	0.009	0.974
60101	97	207	0.859	1.834
60201	185	392	1.639	3.473
60301	44	436	0.380	3.863
60401	290	726	2.569	6.432
60402	1	727	0.009	6.440
60499	5	732	0.044	6.485
60601	3	735	0.027	6.511
60701	6	741	0.053	6.564
60702	1	742	0.009	6.573
60704	1	743	0.009	6.582
60706	3	746	0.027	6.609
60799	8	754	0.071	6.680
60801	3	757	0.027	6.706
60901	4	761	0.035	6.742
61101	2	763	0.018	6.759

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## TRANSCRIPT-LEVEL FILE FREQUENCIES

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MAJCIP1	FREQUENCY	CIP CODE 1ST MAJOR CUM FREQ	PERCENT	CUM PERCENT
61201	11	774	0.097	6.857
61302	2	776	0.018	6.875
61399	3	779	0.027	6.901
61401	24	803	0.213	7.114
61601	1	804	0.009	7.123
61701	2	806	0.018	7.140
61799	1	807	0.009	7.149
69999	4	811	0.035	7.185
70101	4	815	0.035	7.220
70102	2	817	0.018	7.238
70103	3	820	0.027	7.264
70104	2	822	0.018	7.282
70301	13	835	0.115	7.397
70302	6	841	0.053	7.450
70303	4	845	0.035	7.486
70305	3	848	0.027	7.512
70401	5	853	0.044	7.557
70601	28	881	0.248	7.805
70602	4	885	0.035	7.840
70603	19	904	0.168	8.009
70604	18	922	0.159	8.168
70605	13	935	0.115	8.283
70606	22	957	0.195	8.478
70607	5	962	0.044	8.522
70608	7	969	0.062	8.584
70699	4	973	0.035	8.620
70701	8	981	0.071	8.691
70702	11	992	0.097	8.788
70705	4	996	0.035	8.824
70799	4	1000	0.035	8.859
73999	5	1005	0.044	8.903
80101	1	1006	0.009	8.912
80102	24	1030	0.213	9.125
80201	5	1035	0.044	9.169
80301	1	1036	0.009	9.178
80401	2	1038	0.018	9.196
80604	1	1039	0.009	9.204
80705	7	1046	0.062	9.266
80706	1	1047	0.009	9.275
80799	39	1086	0.345	9.621
80901	2	1088	0.018	9.639
80902	1	1089	0.009	9.647
81101	7	1096	0.062	9.709
81104	1	1097	0.009	9.718
81105	3	1100	0.027	9.745
81199	1	1101	0.009	9.754
81203	2	1103	0.018	9.771
89999	3	1106	0.027	9.798
90101	38	1144	0.337	10.135
90201	6	1152	0.071	10.206
90401	50	1202	0.443	10.648
90501	1	1203	0.009	10.657
90601	4	1207	0.035	10.693
90701	12	1219	0.106	10.799
99999	9	1228	0.080	10.879

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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MAJCIP1	FREQUENCY	CIP CODE 1ST MAJOR CUM FREQ	PERCENT	CUM PERCENT
100101	3	1231	0.027	10.905
100103	2	1233	0.018	10.923
100104	4	1237	0.035	10.959
110101	87	1324	0.771	11.729
110201	17	1341	0.151	11.880
110301	61	1402	0.540	12.420
110401	7	1409	0.062	12.482
110501	3	1412	0.027	12.509
119999	4	1416	0.035	12.544
120402	1	1417	0.009	12.553
120403	32	1449	0.283	12.837
130101	44	1493	0.390	13.226
130201	1	1494	0.009	13.235
130801	1	1495	0.009	13.244
131001	7	1502	0.062	13.306
131006	1	1503	0.009	13.315
131007	1	1504	0.009	13.324
131011	2	1506	0.018	13.342
131099	4	1510	0.035	13.377
131201	3	1513	0.027	13.404
131202	58	1571	0.514	13.917
131204	12	1583	0.106	14.024
131205	5	1588	0.044	14.068
131299	2	1590	0.018	14.086
131302	1	1591	0.009	14.095
131303	5	1596	0.044	14.139
131305	3	1599	0.027	14.165
131307	2	1601	0.018	14.183
131308	3	1604	0.027	14.210
131309	3	1607	0.027	14.236
131312	9	1616	0.080	14.316
131314	27	1643	0.239	14.555
131315	1	1644	0.009	14.564
131317	1	1645	0.009	14.573
131318	2	1647	0.018	14.591
131320	1	1648	0.009	14.600
131399	7	1655	0.062	14.662
139999	2	1657	0.018	14.679
140101	57	1714	0.505	15.184
140201	9	1723	0.080	15.264
140301	1	1724	0.009	15.273
140401	1	1725	0.009	15.282
140501	4	1729	0.035	15.317
140701	17	1746	0.151	15.468
140801	22	1768	0.195	15.663
140901	5	1773	0.044	15.707
141001	44	1817	0.390	16.097
141101	2	1819	0.018	16.114
141301	6	1825	0.053	16.168
141401	1	1826	0.009	16.176
141501	2	1828	0.018	16.194
141701	5	1833	0.044	16.238
141801	1	1834	0.009	16.247
141901	35	1869	0.310	16.557
142201	1	1870	0.009	16.566

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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MAJ CIP1	FREQUENCY	CIP CODE 1ST MAJOR CUM FREQ	PERCENT	CUM PERCENT
142301	1	1871	0.009	16.575
142401	1	1872	0.009	16.584
142501	1	1873	0.009	16.593
142701	1	1874	0.009	16.602
149999	7	1881	0.062	16.664
150101	9	1890	0.080	16.743
150102	1	1891	0.009	16.752
150199	2	1893	0.018	16.770
150201	2	1895	0.018	16.788
150202	15	1910	0.133	16.921
150301	5	1915	0.044	16.965
150302	28	1943	0.248	17.213
150303	38	1981	0.337	17.550
150399	8	1989	0.071	17.620
150402	1	1990	0.009	17.629
150403	3	1993	0.027	17.656
150501	4	1997	0.035	17.691
150503	1	1998	0.009	17.700
150603	9	2004	0.053	17.753
150606	3	2007	0.027	17.780
150610	11	2018	0.097	17.877
150702	1	2019	0.009	17.886
150801	2	2021	0.018	17.904
150803	11	2032	0.097	18.001
150805	4	2036	0.035	18.037
150899	4	2040	0.035	18.072
150903	1	2041	0.009	18.081
159999	7	2048	0.062	18.143
160302	1	2049	0.009	18.152
160502	1	2050	0.009	18.161
160901	11	2061	0.097	18.258
160902	1	2062	0.009	18.267
160905	4	2066	0.035	18.303
170101	13	2079	0.115	18.418
170102	8	2087	0.071	18.489
170103	3	2090	0.027	18.515
170208	2	2092	0.018	18.533
170206	2	2094	0.018	18.551
170209	5	2099	0.044	18.595
170210	2	2101	0.018	18.613
170211	2	2103	0.018	18.630
170299	1	2104	0.009	18.639
170303	1	2105	0.009	18.648
170309	4	2109	0.035	18.684
170310	7	2116	0.062	18.746
170402	2	2118	0.018	18.763
170405	2	2120	0.018	18.781
170408	1	2121	0.009	18.790
170499	2	2123	0.018	18.808
170503	19	2142	0.168	18.976
170506	3	2145	0.027	19.002
170602	7	2152	0.062	19.064
170605	18	2170	0.159	19.224
170699	1	2171	0.009	19.233
170806	1	2172	0.009	19.242

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## TRANSCRIPT-LEVEL FILE FREQUENCIES

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MAJCIP1	FREQUENCY	CIP CODE 1ST MAJOR CUM FREQ	PERCENT	CUM PERCENT
170807	4	2176	0.035	19.277
170813	1	2177	0.008	19.286
170814	1	2178	0.009	19.295
170815	3	2181	0.027	19.321
170818	3	2184	0.027	19.348
178999	4	2188	0.035	19.383
180102	4	2192	0.035	19.419
180199	1	2193	0.009	19.428
180202	1	2194	0.009	19.437
180205	1	2195	0.009	19.445
180301	2	2197	0.018	19.463
180401	1	2198	0.009	19.472
180701	1	2199	0.009	19.481
180703	1	2200	0.009	19.490
180789	1	2201	0.009	19.499
180901	1	2202	0.009	19.507
181001	4	2206	0.035	19.543
181025	3	2209	0.027	19.569
181099	3	2212	0.027	19.596
181101	96	2308	0.850	20.446
181105	2	2310	0.018	20.464
181199	5	2315	0.044	20.509
181401	10	2325	0.089	20.597
181701	2	2327	0.018	20.615
181801	8	2335	0.071	20.686
181901	1	2336	0.009	20.695
182001	4	2340	0.035	20.730
182401	2	2342	0.018	20.748
189999	1	2343	0.009	20.757
190101	13	2356	0.115	20.872
190301	1	2357	0.009	20.881
190302	1	2358	0.009	20.889
190501	3	2361	0.027	20.916
190503	1	2362	0.009	20.925
190603	1	2363	0.009	20.934
190701	1	2364	0.009	20.943
190702	1	2365	0.009	20.951
190789	1	2366	0.009	20.960
190901	1	2367	0.009	20.969
190902	7	2374	0.062	21.031
200102	6	2380	0.053	21.084
200103	1	2381	0.009	21.093
200108	1	2382	0.009	21.102
200201	4	2386	0.035	21.137
200301	1	2387	0.009	21.146
200401	5	2392	0.044	21.191
200403	1	2393	0.009	21.200
200405	1	2394	0.009	21.208
200406	1	2395	0.009	21.217
209999	4	2399	0.035	21.253
210102	1	2400	0.009	21.262
210103	3	2403	0.027	21.288
210104	8	2411	0.071	21.359
210106	1	2412	0.009	21.368
220102	4	2416	0.035	21.403

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## TRANSCRIPT-LEVEL FILE FREQUENCIES

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MAJCIP1	FREQUENCY	CIP CODE 1ST MAJOR CUM FREQ	PERCENT	CUM PERCENT
220103	4	2420	0.035	21.439
220199	2	2422	0.018	21.456
230101	43	2465	0.381	21.837
230201	3	2468	0.027	21.864
230301	2	2470	0.018	21.882
230801	2	2472	0.018	21.899
231001	14	2486	0.124	22.023
239999	7	2493	0.062	22.085
240101	271	2764	2.401	24.486
240199	5	2769	0.044	24.530
250401	1	2770	0.009	24.539
259999	1	2771	0.009	24.548
260101	78	2849	0.691	25.239
260201	8	2857	0.071	25.310
260301	1	2858	0.009	25.319
260302	1	2859	0.009	25.328
260402	1	2860	0.009	25.337
260501	9	2869	0.080	25.416
260609	1	2870	0.009	25.425
260612	1	2871	0.009	25.434
260701	4	2875	0.035	25.470
260706	1	2876	0.009	25.478
269999	5	2881	0.044	25.523
270101	24	2905	0.213	25.735
270201	1	2906	0.009	25.744
270301	2	2908	0.018	25.762
279999	6	2914	0.053	25.815
280101	1	2915	0.009	25.824
300101	14	2929	0.124	25.948
300201	1	2930	0.009	25.957
300301	4	2934	0.035	25.992
300401	11	2945	0.097	26.090
300701	2	2947	0.018	26.107
309999	32	2979	0.283	26.391
310101	3	2982	0.027	26.417
310301	2	2984	0.018	26.435
320102	1	2985	0.009	26.444
320105	1	2986	0.009	26.453
360101	4	2980	0.035	26.488
360108	5	2995	0.044	26.533
360109	1	2996	0.009	26.541
380101	5	3001	0.044	26.586
380201	5	3006	0.044	26.630
390201	1	3007	0.009	26.639
390501	2	3009	0.018	26.657
390601	1	3010	0.009	26.665
400101	2	3012	0.018	26.683
400401	1	3013	0.009	26.692
400501	33	3046	0.292	26.984
400601	6	3052	0.053	27.038
400699	1	3053	0.009	27.046
400801	15	3068	0.133	27.179
410204	2	3070	0.018	27.197
410301	1	3071	0.009	27.206
419999	1	3072	0.009	27.215

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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MAJCIP1	FREQUENCY	CIP CODE 1ST MAJOR CUM FREQ	PERCENT	CUM PERCENT
420101	89	3161	0.788	28.003
420601	1	3162	0.009	28.012
420701	1	3163	0.009	28.021
421001	8	3171	0.071	28.092
421601	1	3172	0.009	28.101
430101	1	3173	0.009	28.109
430102	2	3175	0.018	28.127
430103	4	3179	0.035	28.163
430104	19	3198	0.168	28.331
430105	1	3199	0.009	28.340
430107	12	3211	0.106	28.446
430108	1	3212	0.009	28.455
430199	4	3216	0.035	28.490
430299	1	3217	0.009	28.499
440101	3	3220	0.027	28.526
440201	1	3221	0.009	28.535
440401	8	3229	0.071	28.606
440501	1	3230	0.009	28.614
440701	23	3253	0.204	28.818
450101	7	3260	0.062	28.880
450201	6	3266	0.053	28.933
450301	1	3267	0.009	28.942
450401	1	3268	0.009	28.951
450601	52	3320	0.461	29.412
450701	12	3332	0.106	29.518
450801	33	3365	0.292	29.810
450901	9	3374	0.080	29.890
451001	78	3452	0.691	30.581
451101	23	3475	0.204	30.785
451201	3	3478	0.027	30.811
459999	3	3481	0.027	30.838
460201	3	3484	0.027	30.865
460302	4	3488	0.035	30.900
460401	1	3489	0.009	30.909
460410	1	3490	0.009	30.918
460503	1	3491	0.009	30.927
469999	1	3492	0.009	30.936
470101	1	3493	0.009	30.944
470103	1	3494	0.009	30.953
470105	1	3495	0.009	30.962
470201	2	3497	0.018	30.980
470202	2	3499	0.018	30.998
470203	2	3500	0.018	31.015
470301	1	3501	0.009	31.024
470404	1	3503	0.009	31.033
470601	1	3504	0.009	31.042
470602	4	3505	0.035	31.077
470603	4	3506	0.027	31.104
470604	10	3521	0.106	31.210
470605	10	3522	0.085	31.299
470606	1	3530	0.009	31.308
470699	1	3531	0.044	31.352
480101	1	3541	0.071	31.423
480102	1	3542	0.044	31.467
480105	3	3555	0.027	31.494

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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MAJCIP1	FREQUENCY	CIP COOF 1ST MAJOR CUM FREQ	PERCENT	CUM PERCENT
480199	1	3556	0.009	31.502
480201	1	3557	0.009	31.511
480203	6	3563	0.053	31.564
480206	1	3564	0.009	31.573
480299	2	3568	0.018	31.591
480503	3	3569	0.027	31.618
480507	1	3570	0.009	31.627
480508	9	3579	0.080	31.706
490101	1	3580	0.009	31.715
490102	7	3587	0.062	31.777
490103	1	3588	0.009	31.786
490104	4	3592	0.035	31.821
490106	1	3593	0.009	31.830
490199	4	3597	0.035	31.866
490205	1	3598	0.009	31.875
490301	1	3599	0.009	31.883
490304	1	3600	0.009	31.892
499999	1	3601	0.009	31.901
500101	5	3606	0.044	31.945
500301	2	3608	0.018	31.963
500401	2	3610	0.018	31.981
500402	1	3611	0.009	31.990
500403	3	3614	0.027	32.016
500404	1	3615	0.009	32.025
500499	2	3624	0.080	32.105
500501	14	3643	0.168	32.273
500601	1	3644	0.009	32.282
500605	1	3648	0.009	32.291
500701	37	3682	0.328	32.619
500702	1	3683	0.009	32.628
500703	3	3686	0.027	32.654
500705	2	3698	0.018	32.672
500707	1	3699	0.009	32.681
500708	1	3690	0.009	32.690
500799	3	3693	0.027	32.716
500801	2	3695	0.018	32.734
500901	16	3711	0.142	32.876
500903	6	3717	0.053	32.929
500904	1	3718	0.009	32.938
500999	3	3721	0.027	32.964
509999	4	3725	0.035	33.000
999999	7563	11288	67.000	100.000

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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MAJCIP2	FREQUENCY	CIP CODE 2ND MAJOR CUM FREQ	PERCENT	CUM PERCENT
10199	1	1	0.009	0.009
10302	1	2	0.009	0.018
60101	1	3	0.009	0.027
60201	1	4	0.009	0.035
60301	1	5	0.009	0.044
60401	9	14	0.080	0.124
60499	1	15	0.009	0.133
61201	1	16	0.009	0.142
61401	1	17	0.009	0.151
70299	1	18	0.009	0.159
70303	1	19	0.009	0.168
70401	1	20	0.009	0.177
70603	1	21	0.009	0.186
70608	1	22	0.009	0.195
70701	1	23	0.009	0.204
70707	1	24	0.009	0.213
80401	1	25	0.009	0.221
80799	4	29	0.035	0.257
90401	2	31	0.018	0.275
90501	1	32	0.009	0.283
110101	3	35	0.027	0.310
110301	1	36	0.009	0.319
110401	1	37	0.009	0.328
131204	2	39	0.018	0.345
131301	1	40	0.009	0.354
131303	1	41	0.009	0.363
131307	1	42	0.009	0.372
131314	1	43	0.009	0.381
131315	1	44	0.009	0.390
140701	1	45	0.009	0.399
141001	4	49	0.035	0.434
141701	1	50	0.009	0.443
141901	1	51	0.009	0.452
142501	1	52	0.009	0.461
150201	1	53	0.009	0.470
150302	1	54	0.009	0.478
150303	2	56	0.018	0.496
150399	1	57	0.009	0.505
159999	1	58	0.009	0.514
160905	1	59	0.009	0.523
170503	2	61	0.018	0.540
181101	1	62	0.009	0.549
181801	1	63	0.009	0.558
200102	2	65	0.018	0.576
220101	1	66	0.009	0.585
230101	2	68	0.018	0.602
231001	1	69	0.009	0.611
240101	4	73	0.035	0.647
260101	3	76	0.027	0.673
260401	1	77	0.009	0.682
270101	5	82	0.044	0.726
279999	2	84	0.018	0.744
300101	1	85	0.009	0.753
309999	2	87	0.018	0.771

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TRANSCRIPT-LEVEL FILE FREQUENCIES

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MAJCIP2	FREQUENCY	CIP CODE 2ND MAJOR CUM FREQ	PERCENT	CUM PERCENT
380101	3	90	0.027	0.797
400101	1	91	0.009	0.806
400601	3	94	0.027	0.833
400703	1	95	0.009	0.842
420101	13	108	0.115	0.957
430104	1	109	0.009	0.966
440101	1	110	0.009	0.974
440701	1	111	0.009	0.983
450101	2	113	0.018	1.001
450601	8	121	0.071	1.072
450801	5	126	0.044	1.116
450901	2	128	0.018	1.134
451001	17	145	0.151	1.285
451101	8	153	0.071	1.355
451201	2	155	0.018	1.373
480103	1	156	0.009	1.382
480105	1	157	0.009	1.391
480299	1	158	0.009	1.400
490106	1	159	0.009	1.409
500301	1	160	0.009	1.417
500501	2	162	0.018	1.435
500701	3	165	0.027	1.462
500901	1	166	0.009	1.471
999999	11122	11288	98.529	100.000

MAJCIP3	FREQUENCY	CIP CODE 3RD MAJOR CUM FREQ	PERCENT	CUM PERCENT
60301	1	1	0.009	0.009
80705	1	2	0.009	0.018
90501	1	3	0.009	0.027
141901	1	4	0.009	0.035
231001	1	5	0.009	0.044
240101	1	6	0.009	0.053
270101	1	7	0.009	0.062
420101	1	8	0.009	0.071
451001	2	10	0.018	0.089
999999	11278	11288	99.911	100.000

## TRANSCRIPT-LEVEL FILE FREQUENCY

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MINCIP1	FREQUENCY	CIP CODE 1ST MINOR CUM FREQ	PERCENT	RCENT
50102	1	1	0.009	0.009
50107	1	2	0.009	0.018
59999	1	3	0.009	0.027
60101	4	7	0.035	0.062
60201	4	11	0.035	0.097
60301	1	12	0.009	0.106
60401	13	25	0.115	0.221
60499	1	26	0.009	0.230
60501	1	27	0.009	0.239
61701	1	28	0.009	0.248
70606	1	29	0.009	0.257
80705	1	30	0.009	0.266
80799	3	33	0.027	0.292
90101	2	35	0.018	0.310
90401	2	37	0.018	0.328
90701	1	38	0.009	0.337
99999	1	39	0.009	0.345
110101	9	48	0.080	0.425
110201	1	49	0.009	0.434
110301	3	52	0.027	0.461
110401	1	53	0.009	0.470
131202	1	54	0.009	0.478
131204	1	55	0.009	0.487
131302	2	57	0.018	0.505
131304	1	58	0.009	0.514
131306	2	60	0.018	0.532
131307	1	61	0.009	0.540
131314	3	64	0.027	0.567
131315	2	66	0.018	0.585
131318	1	67	0.009	0.594
140101	1	68	0.009	0.602
140801	1	69	0.009	0.611
150610	1	70	0.009	0.620
159999	1	71	0.009	0.629
160501	1	72	0.009	0.638
160901	4	76	0.035	0.673
160905	6	82	0.053	0.726
200102	1	83	0.009	0.735
210102	1	84	0.009	0.744
220103	1	85	0.009	0.753
220199	2	87	0.018	0.771
230101	5	92	0.044	0.815
230701	1	93	0.009	0.824
230801	1	94	0.009	0.833
239999	1	95	0.009	0.842
240101	1	96	0.009	0.850
260101	6	102	0.053	0.904
270101	9	111	0.080	0.983
270501	1	112	0.009	0.992
279999	4	116	0.035	1.028
280101	1	117	0.009	1.036
280301	1	118	0.009	1.045
280401	1	119	0.009	1.054
309999	1	120	0.009	1.063

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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MINCIP1	CIP CODE 1ST MINOR			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
390201	1	121	0.009	1.072
400501	7	128	0.062	1.134
400601	1	129	0.009	1.143
420101	7	136	0.062	1.205
421601	1	137	0.009	1.214
440701	2	139	0.018	1.231
450201	2	141	0.018	1.249
450601	5	146	0.044	1.293
450701	1	147	0.009	1.302
450801	9	156	0.080	1.382
451001	3	159	0.027	1.409
451101	5	164	0.044	1.453
459999	1	165	0.009	1.462
480203	1	166	0.009	1.471
49010	1	167	0.009	1.479
50010	2	169	0.018	1.497
500501	1	170	0.009	1.506
500901	3	173	0.027	1.533
999999	11115	11288	98.467	100.000

MINCIP2	CIP CODE 2ND MINOR			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
99999	1	1	0.009	0.009
110101	1	2	0.009	0.018
131306	1	3	0.009	0.027
160402	1	4	0.009	0.035
220199	1	5	0.009	0.044
260101	1	6	0.009	0.053
270101	4	10	0.035	0.089
270501	1	11	0.009	0.097
300101	1	12	0.009	0.106
309999	1	13	0.009	0.115
380201	1	14	0.009	0.124
400801	1	15	0.009	0.133
450701	1	16	0.009	0.142
451101	2	18	0.018	0.159
999999	11270	11288	99.841	100.000

MINCIP3	CIP CODE 3RD MINOR			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
999999	11288	11288	100.000	100.000

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0.037	1	1	0.009	0.009
0.063	1	2	0.009	0.018
0.065	1	3	0.009	0.027
0.107	1	4	0.009	0.035
0.111	1	5	0.009	0.044
0.143	1	6	0.009	0.053
0.162	1	7	0.009	0.062
0.167	2	9	0.018	0.080
0.1	1	10	0.009	0.089
0.2	1	11	0.009	0.097
0.2	5	16	0.044	0.142
0.31	2	18	0.018	0.159
0.25	4	22	0.035	0.195
0.257	1	23	0.009	0.204
0.259	1	24	0.009	0.213
0.273	1	25	0.009	0.221
0.28	1	26	0.009	0.230
0.3	4	30	0.035	0.266
0.306	1	31	0.009	0.275
0.308	3	34	0.027	0.301
0.313	1	35	0.009	0.310
0.333	11	46	0.097	0.408
0.35	1	47	0.009	0.416
0.353	1	48	0.009	0.425
0.364	1	49	0.009	0.434
0.375	2	51	0.018	0.452
0.379	1	52	0.009	0.461
0.4	2	54	0.018	0.478
0.429	3	57	0.027	0.505
0.435	1	58	0.009	0.514
0.438	2	60	0.018	0.532
0.44	1	61	0.009	0.540
0.444	1	62	0.009	0.549
0.458	1	63	0.009	0.558
0.462	1	64	0.009	0.567
0.471	1	65	0.009	0.576
0.474	1	66	0.009	0.585
0.5	24	90	0.213	0.797
0.508	1	91	0.009	0.806
0.515	1	92	0.009	0.815
0.517	1	93	0.009	0.824
0.522	1	94	0.009	0.833
0.529	1	95	0.009	0.842
0.533	1	96	0.009	0.850
0.536	1	97	0.009	0.859
0.545	1	98	0.009	0.868
0.548	1	99	0.009	0.877
0.552	1	100	0.009	0.886
0.563	2	102	0.018	0.904
0.571	4	106	0.035	0.939
0.577	2	108	0.018	0.957
0.579	2	110	0.018	0.974
0.581	1	111	0.009	0.983
0.583	1	112	0.009	0.992

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## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0.586	1	113	0.009	1.001
0.588	2	115	0.018	1.019
0.593	1	116	0.009	1.028
0.6	12	128	0.106	1.134
0.605	1	129	0.009	1.143
0.615	2	131	0.018	1.161
0.625	3	134	0.027	1.187
0.63	2	136	0.018	1.205
0.632	1	137	0.009	1.214
0.636	2	139	0.018	1.231
0.64	1	140	0.009	1.240
0.645	1	141	0.009	1.249
0.658	1	142	0.009	1.258
0.659	1	143	0.009	1.267
0.667	13	156	0.115	1.382
0.679	1	157	0.009	1.391
0.688	1	158	0.009	1.400
0.692	5	163	0.044	1.444
0.7	4	167	0.035	1.479
0.706	2	169	0.018	1.497
0.711	1	170	0.009	1.506
0.714	2	172	0.018	1.524
0.717	2	174	0.018	1.541
0.718	1	175	0.009	1.550
0.723	1	176	0.009	1.559
0.725	1	177	0.009	1.568
0.727	1	178	0.009	1.577
0.733	1	179	0.009	1.586
0.739	1	180	0.009	1.595
0.75	8	188	0.071	1.665
0.762	1	189	0.009	1.674
0.769	1	190	0.009	1.683
0.773	2	192	0.018	1.701
0.778	1	193	0.009	1.710
0.789	1	194	0.009	1.719
0.792	1	195	0.009	1.727
0.8	8	203	0.071	1.798
0.808	2	205	0.018	1.816
0.81	1	206	0.009	1.825
0.816	1	207	0.009	1.834
0.818	3	210	0.027	1.860
0.821	1	211	0.009	1.869
0.824	1	212	0.009	1.878
0.829	1	213	0.009	1.887
0.833	6	219	0.053	1.940
0.84	1	220	0.009	1.949
0.842	1	221	0.009	1.958
0.846	2	223	0.018	1.976
0.85	1	224	0.009	1.984
0.857	8	232	0.071	2.055
0.864	1	233	0.009	2.064
0.867	1	234	0.009	2.073
0.872	1	235	0.009	2.082
0.875	6	241	0.053	2.135
0.88	2	243	0.018	2.153

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## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GENQPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0.885	1	244	0.009	2.162
0.889	4	248	0.035	2.197
0.893	1	249	0.009	2.206
0.895	1	250	0.009	2.215
0.9	2	252	0.018	2.232
0.909	3	255	0.027	2.259
0.913	1	256	0.009	2.268
0.917	1	257	0.009	2.277
0.921	1	258	0.009	2.286
0.923	4	262	0.035	2.321
0.929	1	263	0.009	2.330
0.93	1	264	0.009	2.339
0.931	2	266	0.018	2.356
0.933	1	267	0.009	2.365
0.939	4	271	0.035	2.401
0.941	2	273	0.018	2.418
0.947	1	274	0.009	2.427
0.95	1	275	0.009	2.436
0.955	1	276	0.009	2.445
0.96	2	278	0.018	2.463
0.962	2	280	0.018	2.481
0.963	1	281	0.009	2.489
0.964	1	282	0.009	2.498
0.967	1	283	0.009	2.507
0.976	1	284	0.009	2.516
1	87	381	0.859	3.375
1.017	1	382	0.009	3.384
1.028	1	383	0.009	3.393
1.029	1	384	0.009	3.402
1.033	1	385	0.009	3.411
1.034	1	386	0.009	3.420
1.036	1	387	0.009	3.428
1.039	1	388	0.009	3.437
1.04	1	389	0.009	3.446
1.041	1	390	0.009	3.455
1.042	1	391	0.009	3.464
1.045	1	392	0.009	3.473
1.047	1	393	0.009	3.482
1.051	1	394	0.009	3.490
1.054	1	395	0.009	3.499
1.056	2	397	0.018	3.517
1.058	1	398	0.009	3.526
1.059	1	399	0.009	3.535
1.067	3	402	0.027	3.561
1.068	1	403	0.009	3.570
1.071	2	405	0.018	3.588
1.077	2	407	0.018	3.606
1.08	1	408	0.009	3.614
1.083	1	409	0.009	3.623
1.087	1	410	0.009	3.632
1.089	1	411	0.009	3.641
1.091	7	418	0.062	3.703
1.094	1	419	0.009	3.712
1.095	1	420	0.009	3.721
1.1	1	421	0.009	3.730

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## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1.105	4	425	0.035	3.765
1.111	2	427	0.018	3.783
1.118	3	430	0.027	3.809
1.12	1	431	0.009	3.818
1.122	2	433	0.018	3.836
1.125	8	441	0.071	3.907
1.13	2	443	0.018	3.925
1.135	1	444	0.009	3.933
1.136	1	445	0.009	3.942
1.143	7	452	0.062	4.004
1.149	1	453	0.009	4.013
1.154	2	455	0.018	4.031
1.161	1	456	0.009	4.040
1.162	1	457	0.009	4.049
1.167	7	464	0.062	4.111
1.169	1	465	0.009	4.119
1.171	1	466	0.009	4.128
1.172	2	468	0.018	4.146
1.174	2	470	0.018	4.164
1.179	3	473	0.027	4.190
1.18	1	474	0.009	4.199
1.182	1	475	0.009	4.208
1.185	1	476	0.009	4.217
1.187	1	477	0.009	4.226
1.188	1	478	0.009	4.235
1.191	1	479	0.009	4.243
1.192	1	480	0.009	4.252
1.2	9	489	0.080	4.332
1.203	1	490	0.009	4.341
1.206	1	491	0.009	4.350
1.208	1	492	0.009	4.359
1.211	2	494	0.018	4.376
1.212	1	495	0.009	4.385
1.214	4	499	0.035	4.421
1.216	1	500	0.009	4.429
1.217	1	501	0.009	4.438
1.22	1	502	0.009	4.447
1.222	4	506	0.035	4.483
1.224	1	507	0.009	4.491
1.226	1	508	0.009	4.500
1.227	1	509	0.009	4.509
1.231	2	511	0.018	4.527
1.233	2	513	0.018	4.545
1.235	3	516	0.027	4.571
1.238	2	518	0.018	4.589
1.239	1	519	0.009	4.598
1.241	1	520	0.009	4.607
1.242	1	521	0.009	4.616
1.244	4	525	0.035	4.651
1.25	18	543	0.159	4.810
1.259	1	544	0.009	4.819
1.26	1	545	0.009	4.828
1.262	1	546	0.009	4.837
1.263	1	547	0.009	4.846
1.264	1	548	0.009	4.855

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1.265	1	549	0.009	4.864
1.267	3	552	0.027	4.890
1.268	2	554	0.018	4.908
1.269	2	556	0.018	4.926
1.27	1	557	0.009	4.934
1.271	1	558	0.009	4.943
1.273	3	561	0.027	4.970
1.276	2	563	0.018	4.988
1.277	1	564	0.009	4.996
1.278	1	565	0.009	5.005
1.279	1	566	0.009	5.014
1.28	1	567	0.009	5.023
1.283	1	568	0.009	5.032
1.284	1	569	0.009	5.041
1.286	7	576	0.062	5.103
1.289	1	577	0.009	5.112
1.292	2	579	0.018	5.129
1.293	1	580	0.009	5.138
1.294	1	581	0.009	5.147
1.295	1	582	0.009	5.156
1.296	1	583	0.009	5.165
1.3	5	588	0.044	5.209
1.301	1	589	0.009	5.218
1.306	1	590	0.009	5.227
1.308	7	597	0.062	5.289
1.31	1	598	0.009	5.298
1.314	1	599	0.009	5.307
1.316	2	601	0.018	5.324
1.317	1	602	0.009	5.333
1.318	1	603	0.009	5.342
1.32	1	604	0.009	5.351
1.326	2	606	0.018	5.369
1.333	29	635	0.257	5.625
1.337	1	636	0.009	5.634
1.339	1	637	0.009	5.643
1.34	2	639	0.018	5.661
1.341	1	640	0.009	5.670
1.346	1	641	0.009	5.679
1.347	2	643	0.018	5.696
1.35	2	645	0.018	5.714
1.351	1	646	0.009	5.723
1.353	1	647	0.009	5.732
1.357	8	655	0.071	5.803
1.36	2	657	0.018	5.820
1.361	1	658	0.009	5.829
1.363	1	659	0.009	5.838
1.364	7	666	0.062	5.900
1.367	1	667	0.009	5.909
1.368	1	668	0.009	5.918
1.37	1	669	0.009	5.927
1.374	1	670	0.009	5.936
1.375	15	685	0.133	6.068
1.379	2	687	0.018	6.086
1.38	2	689	0.018	6.104
1.382	2	691	0.018	6.122



## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1.385	6	697	0.053	6.175
1.387	1	698	0.009	6.184
1.388	1	699	0.009	6.192
1.389	2	701	0.018	6.210
1.391	1	702	0.009	6.219
1.394	1	703	0.009	6.228
1.395	2	705	0.018	6.246
1.397	3	708	0.027	6.272
1.4	12	720	0.106	6.378
1.404	1	721	0.009	6.387
1.405	1	722	0.009	6.396
1.407	1	723	0.009	6.405
1.408	1	724	0.009	6.414
1.409	1	725	0.009	6.423
1.41	1	726	0.009	6.432
1.412	4	730	0.035	6.467
1.414	1	731	0.009	6.476
1.416	2	733	0.018	6.494
1.417	1	734	0.009	6.502
1.42	1	735	0.009	6.511
1.421	3	738	0.027	6.538
1.423	3	741	0.027	6.564
1.424	3	744	0.027	6.591
1.426	2	746	0.018	6.609
1.429	11	757	0.097	6.706
1.431	1	758	0.009	6.715
1.432	2	760	0.018	6.733
1.433	1	761	0.009	6.742
1.434	2	763	0.018	6.759
1.435	3	766	0.027	6.786
1.436	1	767	0.009	6.795
1.439	3	770	0.027	6.821
1.44	1	771	0.009	6.830
1.442	2	773	0.018	6.848
1.443	1	774	0.009	6.857
1.444	8	782	0.071	6.928
1.446	1	783	0.009	6.937
1.449	1	784	0.009	6.945
1.45	5	789	0.044	6.990
1.452	2	791	0.018	7.007
1.455	4	795	0.035	7.043
1.457	1	796	0.009	7.052
1.459	2	798	0.018	7.069
1.462	4	802	0.035	7.105
1.463	1	803	0.009	7.114
1.464	2	805	0.018	7.131
1.467	2	807	0.018	7.149
1.468	2	809	0.018	7.167
1.469	3	812	0.027	7.193
1.471	2	814	0.018	7.211
1.474	1	815	0.009	7.220
1.476	2	817	0.018	7.238
1.478	2	819	0.018	7.255
1.48	1	820	0.009	7.264
1.481	1	821	0.009	7.273

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1.484	1	822	0.009	7.282
1.486	4	826	0.035	7.318
1.487	1	827	0.009	7.326
1.488	1	828	0.009	7.335
1.489	2	830	0.018	7.353
1.492	1	831	0.009	7.362
1.493	1	832	0.009	7.371
1.494	1	833	0.009	7.380
1.5	75	908	0.664	8.044
1.509	1	909	0.009	8.053
1.51	1	910	0.009	8.062
1.511	2	912	0.018	8.079
1.512	2	914	0.018	8.097
1.513	2	916	0.018	8.115
1.514	2	918	0.018	8.133
1.515	1	919	0.009	8.141
1.516	1	920	0.009	8.150
1.517	2	922	0.018	8.168
1.519	2	924	0.018	8.186
1.52	2	926	0.018	8.203
1.522	2	928	0.018	8.221
1.524	1	929	0.009	8.230
1.526	2	931	0.018	8.248
1.528	2	933	0.018	8.265
1.529	3	936	0.027	8.292
1.53	1	937	0.009	8.301
1.532	1	938	0.009	8.310
1.533	2	940	0.018	8.327
1.534	1	941	0.009	8.336
1.535	1	942	0.009	8.345
1.536	3	945	0.027	8.372
1.538	8	953	0.071	8.443
1.54	1	954	0.009	8.451
1.541	1	955	0.009	8.460
1.543	3	958	0.027	8.487
1.544	2	960	0.018	8.505
1.545	6	966	0.053	8.558
1.547	2	968	0.018	8.575
1.55	2	970	0.018	8.593
1.552	1	971	0.009	8.602
1.554	1	972	0.009	8.611
1.556	3	975	0.027	8.637
1.557	1	976	0.009	8.646
1.558	2	978	0.018	8.664
1.559	1	979	0.009	8.673
1.56	2	981	0.018	8.691
1.561	2	983	0.018	8.708
1.563	3	986	0.027	8.735
1.565	2	988	0.018	8.753
1.566	1	989	0.009	8.762
1.569	1	990	0.009	8.770
1.571	16	1006	0.142	8.912
1.573	2	1008	0.018	8.930
1.574	1	1009	0.009	8.939
1.575	2	1011	0.018	8.956

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1.577	1	1012	0.009	8.965
1.579	2	1014	0.018	8.983
1.581	1	1015	0.009	8.992
1.582	1	1016	0.009	9.001
1.583	5	1021	0.044	9.045
1.584	1	1022	0.009	9.054
1.585	1	1023	0.009	9.063
1.586	2	1025	0.018	9.080
1.588	3	1028	0.027	9.107
1.59	2	1030	0.018	9.125
1.591	3	1033	0.027	9.151
1.593	1	1034	0.009	9.160
1.595	4	1038	0.035	9.196
1.598	2	1040	0.018	9.213
1.6	23	1063	0.204	9.417
1.603	1	1064	0.009	9.426
1.604	1	1065	0.009	9.435
1.605	1	1066	0.009	9.444
1.606	2	1068	0.018	9.461
1.607	1	1069	0.009	9.470
1.608	1	1070	0.009	9.479
1.61	1	1071	0.009	9.488
1.611	2	1073	0.018	9.506
1.612	1	1074	0.009	9.515
1.615	5	1079	0.044	9.559
1.616	1	1080	0.009	9.568
1.619	1	1081	0.009	9.577
1.621	2	1083	0.018	9.594
1.625	9	1092	0.080	9.674
1.626	1	1093	0.009	9.683
1.628	1	1094	0.009	9.692
1.629	2	1096	0.018	9.709
1.63	2	1098	0.018	9.727
1.632	2	1100	0.018	9.745
1.635	1	1101	0.009	9.754
1.636	6	1107	0.053	9.807
1.64	2	1109	0.018	9.825
1.641	1	1110	0.009	9.833
1.643	8	1118	0.071	9.904
1.644	2	1120	0.018	9.922
1.645	1	1121	0.009	9.931
1.647	2	1123	0.018	9.949
1.648	1	1124	0.009	9.957
1.65	2	1126	0.018	9.975
1.651	1	1127	0.009	9.984
1.652	3	1130	0.027	10.011
1.655	5	1135	0.044	10.055
1.656	1	1136	0.009	10.064
1.658	2	1138	0.018	10.082
1.663	2	1140	0.018	10.099
1.664	2	1142	0.018	10.117
1.667	34	1176	0.301	10.418
1.669	1	1177	0.009	10.427
1.672	1	1178	0.009	10.436
1.674	2	1180	0.018	10.454

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1.676	4	1184	0.035	10.489
1.677	1	1185	0.009	10.498
1.678	1	1186	0.009	10.507
1.679	1	1187	0.009	10.516
1.68	1	1188	0.009	10.524
1.681	2	1190	0.018	10.542
1.682	3	1193	0.027	10.569
1.686	2	1195	0.018	10.586
1.688	5	1200	0.044	10.631
1.69	4	1204	0.035	10.666
1.692	9	1213	0.080	10.746
1.693	1	1214	0.009	10.755
1.694	2	1216	0.018	10.773
1.696	4	1220	0.035	10.808
1.698	2	1222	0.018	10.826
1.7	7	1229	0.062	10.888
1.701	2	1231	0.018	10.905
1.702	1	1232	0.009	10.914
1.703	3	1235	0.027	10.941
1.704	3	1238	0.027	10.967
1.705	1	1239	0.009	10.976
1.706	4	1243	0.035	11.012
1.708	1	1244	0.009	11.021
1.71	2	1246	0.018	11.038
1.711	2	1248	0.018	11.056
1.713	1	1249	0.009	11.065
1.714	15	1264	0.133	11.198
1.716	1	1265	0.009	11.207
1.719	2	1267	0.018	11.224
1.72	5	1272	0.044	11.269
1.721	1	1273	0.009	11.277
1.722	1	1274	0.009	11.286
1.723	2	1276	0.018	11.304
1.725	5	1281	0.044	11.348
1.726	1	1282	0.009	11.357
1.727	12	1294	0.106	11.464
1.729	1	1295	0.009	11.472
1.73	1	1296	0.009	11.481
1.731	2	1298	0.018	11.499
1.732	1	1299	0.009	11.508
1.733	2	1301	0.018	11.526
1.735	3	1304	0.027	11.552
1.736	2	1306	0.018	11.570
1.737	3	1309	0.027	11.596
1.738	1	1310	0.009	11.605
1.739	1	1311	0.009	11.614
1.74	1	1312	0.009	11.623
1.741	3	1315	0.027	11.650
1.742	1	1316	0.009	11.658
1.743	2	1318	0.018	11.676
1.744	2	1320	0.018	11.694
1.745	2	1322	0.018	11.712
1.747	1	1323	0.009	11.720
1.75	36	1359	0.319	12.039
1.752	1	1360	0.009	12.048

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1.753	2	1362	0.018	12.066
1.754	1	1363	0.009	12.075
1.755	2	1365	0.018	12.092
1.756	2	1367	0.018	12.110
1.758	1	1368	0.009	12.119
1.759	4	1372	0.035	12.155
1.76	5	1377	0.044	12.199
1.761	1	1378	0.009	12.208
1.762	3	1381	0.027	12.234
1.763	1	1382	0.009	12.243
1.764	2	1384	0.018	12.261
1.765	1	1385	0.009	12.270
1.768	4	1389	0.035	12.305
1.769	6	1395	0.053	12.358
1.772	1	1396	0.009	12.367
1.773	2	1398	0.018	12.385
1.774	1	1399	0.009	12.394
1.776	2	1401	0.018	12.411
1.777	1	1402	0.009	12.420
1.778	6	1408	0.053	12.473
1.78	2	1410	0.018	12.491
1.782	3	1413	0.027	12.518
1.783	6	1419	0.053	12.571
1.784	1	1420	0.009	12.580
1.786	3	1423	0.027	12.606
1.787	1	1424	0.009	12.615
1.788	2	1426	0.018	12.633
1.789	2	1428	0.018	12.651
1.791	2	1430	0.018	12.669
1.793	3	1433	0.027	12.695
1.794	1	1434	0.009	12.704
1.795	1	1435	0.009	12.713
1.796	1	1436	0.009	12.721
1.797	1	1437	0.009	12.730
1.8	18	1455	0.159	12.890
1.803	2	1457	0.018	12.908
1.804	1	1458	0.009	12.916
1.805	2	1460	0.018	12.934
1.806	1	1461	0.009	12.943
1.807	1	1462	0.009	12.952
1.808	2	1464	0.018	12.970
1.809	1	1465	0.009	12.978
1.81	5	1470	0.044	13.023
1.811	2	1472	0.018	13.040
1.812	1	1473	0.009	13.049
1.813	3	1476	0.027	13.076
1.814	2	1478	0.018	13.094
1.815	3	1481	0.027	13.120
1.816	2	1483	0.018	13.138
1.818	5	1488	0.044	13.182
1.82	2	1490	0.018	13.200
1.821	3	1493	0.027	13.226
1.822	1	1494	0.009	13.235
1.824	1	1495	0.009	13.244
1.825	2	1497	0.018	13.262

GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1.826	1	1498	0.009	13.271
1.827	1	1499	0.009	13.280
1.83	3	1502	0.027	13.306
1.831	1	1503	0.009	13.315
1.832	1	1504	0.009	13.324
1.833	8	1512	0.071	13.395
1.835	1	1513	0.009	13.404
1.836	1	1514	0.009	13.412
1.837	2	1516	0.018	13.430
1.84	2	1518	0.018	13.448
1.841	1	1519	0.009	13.457
1.842	4	1523	0.035	13.492
1.844	2	1525	0.018	13.510
1.845	1	1526	0.009	13.519
1.846	6	1532	0.053	13.572
1.847	2	1534	0.018	13.590
1.848	2	1536	0.018	13.607
1.849	3	1539	0.027	13.634
1.85	2	1541	0.018	13.652
1.852	3	1544	0.027	13.678
1.853	1	1545	0.009	13.687
1.854	2	1547	0.018	13.705
1.857	20	1567	0.177	13.882
1.859	4	1571	0.035	13.917
1.86	3	1574	0.027	13.944
1.862	1	1575	0.009	13.953
1.863	3	1578	0.027	13.979
1.864	4	1582	0.035	14.015
1.865	1	1583	0.009	14.024
1.867	4	1587	0.035	14.059
1.868	2	1589	0.018	14.077
1.87	3	1592	0.027	14.103
1.871	2	1594	0.018	14.121
1.872	3	1597	0.027	14.148
1.875	15	1612	0.133	14.281
1.878	1	1613	0.009	14.290
1.879	2	1615	0.018	14.307
1.88	4	1619	0.035	14.343
1.881	2	1621	0.018	14.360
1.882	5	1626	0.044	14.405
1.883	2	1628	0.018	14.422
1.884	1	1629	0.009	14.431
1.885	1	1630	0.009	14.440
1.886	5	1635	0.044	14.484
1.887	1	1636	0.009	14.493
1.888	2	1638	0.018	14.511
1.889	10	1648	0.089	14.600
1.89	1	1649	0.009	14.608
1.891	4	1653	0.035	14.644
1.893	2	1655	0.018	14.662
1.895	5	1660	0.044	14.706
1.896	4	1664	0.035	14.741
1.897	3	1667	0.027	14.768
1.898	2	1669	0.018	14.786
1.899	1	1670	0.009	14.794

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1.9	9	1679	0.080	14.874
1.901	2	1681	0.018	14.892
1.903	1	1682	0.009	14.901
1.904	1	1683	0.009	14.910
1.905	1	1684	0.009	14.918
1.906	2	1686	0.018	14.936
1.907	4	1690	0.035	14.972
1.909	3	1693	0.027	14.998
1.91	1	1694	0.009	15.007
1.911	1	1695	0.009	15.016
1.912	4	1699	0.035	15.051
1.913	1	1700	0.009	15.060
1.914	4	1704	0.035	15.096
1.915	1	1705	0.009	15.105
1.916	1	1706	0.009	15.113
1.917	5	1711	0.044	15.158
1.918	1	1712	0.009	15.167
1.919	2	1714	0.018	15.184
1.92	5	1719	0.044	15.229
1.921	1	1720	0.009	15.237
1.922	1	1721	0.009	15.246
1.923	9	1730	0.080	15.326
1.924	1	1731	0.009	15.335
1.925	2	1733	0.018	15.353
1.926	2	1735	0.018	15.370
1.927	3	1738	0.027	15.397
1.929	5	1743	0.044	15.441
1.93	3	1746	0.027	15.468
1.931	5	1751	0.044	15.512
1.932	1	1752	0.009	15.521
1.933	7	1759	0.062	15.583
1.934	1	1760	0.009	15.592
1.935	2	1762	0.018	15.609
1.936	1	1763	0.009	15.618
1.938	5	1768	0.044	15.663
1.939	2	1770	0.018	15.680
1.94	2	1772	0.018	15.698
1.941	5	1777	0.044	15.742
1.943	2	1779	0.018	15.760
1.944	7	1786	0.062	15.822
1.945	2	1788	0.018	15.840
1.946	2	1790	0.018	15.858
1.947	6	1796	0.053	15.911
1.949	2	1798	0.018	15.928
1.95	1	1799	0.009	15.937
1.951	1	1800	0.009	15.946
1.952	4	1804	0.035	15.982
1.953	1	1805	0.009	15.990
1.954	1	1806	0.009	15.999
1.955	6	1812	0.053	16.052
1.956	3	1815	0.027	16.079
1.957	1	1816	0.009	16.088
1.958	2	1818	0.018	16.106
1.959	1	1819	0.009	16.114
1.96	2	1821	0.018	16.132

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1.961	2	1823	0.018	16.150
1.962	2	1825	0.018	16.168
1.963	3	1828	0.027	16.194
1.964	1	1829	0.009	16.203
1.965	1	1830	0.009	16.212
1.967	1	1831	0.009	16.221
1.968	1	1832	0.009	16.230
1.969	3	1835	0.027	16.256
1.97	2	1837	0.018	16.274
1.971	5	1842	0.044	16.318
1.972	1	1843	0.009	16.327
1.973	4	1847	0.035	16.363
1.974	1	1848	0.009	16.371
1.978	2	1850	0.018	16.389
1.979	4	1854	0.035	16.425
1.98	4	1858	0.035	16.460
1.981	3	1861	0.027	16.487
1.982	1	1862	0.009	16.495
1.985	3	1865	0.027	16.522
1.986	4	1869	0.035	16.557
1.987	5	1874	0.044	16.602
1.989	3	1877	0.027	16.628
1.99	4	1881	0.035	16.664
1.992	2	1883	0.018	16.681
2	296	2179	2.622	19.304
2.006	1	2180	0.009	19.313
2.009	2	2182	0.018	19.330
2.01	2	2184	0.018	19.348
2.011	2	2186	0.018	19.366
2.012	1	2187	0.009	19.375
2.013	3	2190	0.027	19.401
2.014	1	2191	0.009	19.410
2.016	1	2192	0.009	19.419
2.017	2	2194	0.018	19.437
2.018	2	2196	0.018	19.454
2.02	2	2198	0.018	19.472
2.021	1	2199	0.009	19.481
2.022	2	2201	0.018	19.499
2.023	3	2204	0.027	19.525
2.024	2	2206	0.018	19.543
2.025	1	2207	0.009	19.552
2.026	3	2210	0.027	19.578
2.027	2	2212	0.018	19.596
2.028	1	2213	0.009	19.605
2.029	3	2216	0.027	19.631
2.03	3	2219	0.027	19.658
2.031	3	2222	0.027	19.685
2.033	2	2224	0.018	19.702
2.034	3	2227	0.027	19.729
2.035	3	2230	0.027	19.755
2.036	1	2231	0.009	19.764
2.037	3	2234	0.027	19.791
2.038	4	2238	0.035	19.826
2.039	2	2240	0.018	19.844
2.041	3	2243	0.027	19.871

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.042	2	2245	0.018	19.888
2.043	4	2249	0.035	19.924
2.044	3	2252	0.027	19.950
2.045	5	2257	0.044	19.995
2.047	2	2259	0.018	20.012
2.048	2	2261	0.018	20.030
2.049	3	2264	0.027	20.057
2.05	3	2267	0.027	20.083
2.052	1	2268	0.009	20.092
2.053	2	2270	0.018	20.110
2.054	1	2271	0.009	20.119
2.055	3	2274	0.027	20.145
2.056	5	2279	0.044	20.190
2.057	1	2280	0.009	20.198
2.059	7	2287	0.062	20.260
2.06	5	2292	0.044	20.305
2.061	6	2298	0.053	20.358
2.063	7	2305	0.062	20.420
2.065	5	2310	0.044	20.464
2.067	4	2314	0.035	20.500
2.069	6	2320	0.053	20.553
2.07	2	2322	0.018	20.571
2.071	8	2330	0.071	20.641
2.072	3	2333	0.027	20.668
2.073	2	2335	0.018	20.686
2.074	7	2342	0.062	20.748
2.077	3	2345	0.027	20.774
2.078	4	2349	0.035	20.810
2.079	1	2350	0.009	20.819
2.08	3	2353	0.027	20.845
2.081	4	2357	0.035	20.881
2.082	2	2359	0.018	20.898
2.083	4	2363	0.035	20.934
2.085	2	2365	0.018	20.951
2.086	3	2368	0.027	20.978
2.087	6	2374	0.053	21.031
2.088	1	2375	0.009	21.040
2.089	1	2376	0.009	21.049
2.09	2	2378	0.018	21.067
2.091	7	2385	0.062	21.129
2.092	1	2386	0.009	21.137
2.093	2	2388	0.018	21.155
2.094	5	2393	0.044	21.200
2.095	5	2398	0.044	21.244
2.097	2	2400	0.018	21.262
2.098	4	2404	0.035	21.297
2.099	1	2405	0.009	21.306
2.1	9	2414	0.080	21.386
2.101	2	2416	0.018	21.403
2.102	3	2419	0.027	21.430
2.103	4	2423	0.035	21.465
2.104	1	2424	0.009	21.474
2.105	4	2428	0.035	21.510
2.107	4	2432	0.035	21.545
2.108	1	2433	0.009	21.554

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.109	2	2435	0.018	21.572
2.111	2	2437	0.018	21.589
2.111	9	2446	0.080	21.669
2.112	1	2447	0.009	21.678
2.113	1	2448	0.009	21.687
2.114	3	2451	0.027	21.713
2.115	4	2455	0.033	21.749
2.116	1	2456	0.009	21.758
2.117	1	2457	0.009	21.766
2.118	5	2462	0.044	21.811
2.119	4	2466	0.035	21.846
2.12	3	2469	0.027	21.873
2.121	1	2470	0.009	21.882
2.122	3	2473	0.027	21.908
2.124	2	2475	0.018	21.926
2.125	8	2483	0.071	21.997
2.126	2	2485	0.018	22.015
2.127	1	2486	0.009	22.023
2.128	2	2488	0.018	22.041
2.129	4	2492	0.035	22.077
2.13	6	2498	0.053	22.130
2.131	1	2499	0.009	22.139
2.132	2	2501	0.018	22.156
2.133	4	2505	0.035	22.192
2.134	2	2507	0.018	22.209
2.135	1	2508	0.009	22.218
2.136	3	2511	0.027	22.245
2.137	1	2512	0.009	22.254
2.138	8	2520	0.071	22.325
2.14	4	2524	0.035	22.360
2.141	3	2527	0.027	22.387
2.142	1	2528	0.009	22.395
2.143	16	2544	0.142	22.537
2.144	1	2545	0.009	22.546
2.146	1	2546	0.009	22.555
2.147	2	2548	0.018	22.573
2.148	4	2552	0.035	22.608
2.15	1	2553	0.009	22.617
2.152	4	2557	0.035	22.652
2.153	1	2558	0.009	22.661
2.154	9	2567	0.080	22.741
2.155	2	2569	0.018	22.759
2.156	4	2573	0.035	22.794
2.158	6	2579	0.053	22.847
2.159	3	2582	0.027	22.874
2.16	2	2584	0.018	22.892
2.161	7	2591	0.062	22.954
2.162	2	2593	0.018	22.971
2.163	2	2595	0.018	22.989
2.164	2	2597	0.018	23.007
2.165	2	2599	0.018	23.024
2.167	20	2619	0.177	23.202
2.169	2	2621	0.018	23.219
2.17	4	2625	0.035	23.255
2.171	3	2628	0.027	23.281

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GENGPA	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.172	7	2635	0.062	23.343
2.173	2	2637	0.018	23.361
2.174	4	2641	0.035	23.397
2.175	4	2645	0.035	23.432
2.176	5	2650	0.044	23.476
2.177	1	2651	0.009	23.485
2.178	1	2652	0.009	23.494
2.179	6	2658	0.053	23.547
2.18	7	2665	0.062	23.609
2.181	4	2669	0.035	23.645
2.182	9	2678	0.080	23.724
2.183	3	2681	0.027	23.751
2.184	4	2685	0.035	23.786
2.185	3	2688	0.027	23.813
2.187	1	2689	0.009	23.822
2.188	9	2698	0.080	23.901
2.189	1	2699	0.009	23.910
2.19	3	2702	0.027	23.937
2.191	2	2704	0.018	23.955
2.192	4	2708	0.035	23.990
2.193	2	2710	0.018	24.008
2.194	6	2716	0.053	24.061
2.195	1	2717	0.009	24.070
2.196	2	2719	0.018	24.088
2.197	1	2720	0.009	24.096
2.198	4	2724	0.035	24.132
2.2	29	2753	0.257	24.389
2.202	2	2755	0.018	24.406
2.203	3	2758	0.027	24.433
2.204	1	2759	0.009	24.442
2.205	3	2762	0.027	24.468
2.206	5	2767	0.044	24.513
2.207	3	2770	0.027	24.539
2.208	4	2774	0.035	24.575
2.209	1	2775	0.009	24.584
2.21	3	2778	0.027	24.610
2.211	7	2785	0.062	24.672
2.212	4	2789	0.035	24.708
2.213	3	2792	0.027	24.734
2.214	7	2799	0.062	24.796
2.215	3	2802	0.027	24.823
2.216	3	2805	0.027	24.849
2.217	5	2810	0.044	24.894
2.218	1	2811	0.009	24.903
2.219	3	2814	0.027	24.929
2.22	1	2815	0.009	24.938
2.221	2	2817	0.018	24.956
2.222	6	2823	0.053	25.009
2.224	3	2826	0.027	25.035
2.225	3	2829	0.027	25.062
2.226	5	2834	0.044	25.106
2.227	1	2835	0.009	25.115
2.228	2	2837	0.018	25.133
2.229	4	2841	0.035	25.168
2.23	1	2842	0.009	25.177

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.231	7	2849	0.062	25.239
2.232	2	2851	0.018	25.257
2.233	5	2856	0.044	25.301
2.234	2	2858	0.018	25.319
2.235	7	2865	0.062	25.381
2.236	2	2867	0.018	25.399
2.237	5	2872	0.044	25.443
2.238	3	2875	0.027	25.470
2.239	1	2876	0.009	25.478
2.24	1	2877	0.009	25.487
2.241	3	2880	0.027	25.514
2.242	2	2882	0.018	25.532
2.243	5	2887	0.044	25.576
2.244	4	2891	0.035	25.611
2.245	4	2895	0.035	25.647
2.246	3	2898	0.027	25.673
2.247	2	2900	0.018	25.691
2.248	1	2901	0.009	25.700
2.25	32	2933	0.283	25.983
2.252	3	2936	0.027	26.010
2.253	1	2937	0.009	26.019
2.254	2	2939	0.018	26.036
2.255	1	2940	0.009	26.045
2.256	4	2944	0.035	26.081
2.257	1	2945	0.009	26.090
2.258	3	2948	0.027	26.116
2.259	4	2952	0.035	26.152
2.26	3	2955	0.027	26.178
2.261	4	2959	0.035	26.214
2.262	4	2963	0.035	26.249
2.263	7	2970	0.062	26.311
2.266	3	2973	0.027	26.338
2.267	7	2980	0.062	26.400
2.268	4	2984	0.035	26.435
2.269	1	2985	0.009	26.444
2.27	3	2988	0.027	26.471
2.272	1	2989	0.009	26.479
2.273	10	2999	0.089	26.568
2.274	4	3003	0.035	26.603
2.275	4	3007	0.035	26.639
2.277	3	3010	0.027	26.665
2.278	6	3016	0.053	26.719
2.279	2	3018	0.018	26.736
2.28	2	3020	0.018	26.754
2.281	4	3024	0.035	26.790
2.282	7	3031	0.062	26.852
2.283	1	3032	0.009	26.860
2.284	1	3033	0.009	26.869
2.285	1	3034	0.009	26.878
2.286	22	3056	0.195	27.073
2.287	1	3057	0.009	27.082
2.288	2	3059	0.018	27.100
2.289	2	3061	0.018	27.117
2.29	2	3063	0.018	27.135
2.291	3	3066	0.027	27.162

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.292	6	3072	0.053	27.215
2.294	4	3076	0.035	27.250
2.295	3	3079	0.027	27.277
2.296	5	3084	0.044	27.321
2.297	3	3087	0.027	27.348
2.298	1	3088	0.009	27.356
2.3	6	3094	0.053	27.410
2.301	3	3097	0.027	27.436
2.302	5	3102	0.044	27.481
2.303	3	3105	0.027	27.507
2.304	4	3109	0.035	27.543
2.305	3	3112	0.027	27.569
2.306	6	3118	0.053	27.622
2.307	2	3120	0.018	27.640
2.308	6	3126	0.053	27.693
2.309	1	3127	0.009	27.702
2.31	5	3132	0.044	27.746
2.311	3	3135	0.027	27.773
2.312	1	3136	0.009	27.782
2.313	8	3144	0.071	27.853
2.314	5	3149	0.044	27.897
2.315	2	3151	0.018	27.915
2.316	3	3154	0.027	27.941
2.317	2	3156	0.018	27.959
2.318	8	3164	0.071	28.030
2.319	1	3165	0.009	28.039
2.32	2	3167	0.018	28.056
2.321	6	3173	0.053	28.109
2.322	1	3174	0.009	28.118
2.323	4	3178	0.035	28.154
2.324	5	3183	0.044	28.198
2.325	3	3186	0.027	28.225
2.327	2	3188	0.018	28.242
2.328	4	3192	0.035	28.278
2.329	6	3198	0.053	28.331
2.33	2	3200	0.018	28.349
2.331	3	3203	0.027	28.375
2.333	65	3268	0.576	28.951
2.335	1	3269	0.009	28.960
2.336	6	3275	0.053	29.013
2.337	2	3277	0.018	29.031
2.338	3	3280	0.027	29.057
2.339	2	3282	0.018	29.075
2.34	1	3283	0.009	29.084
2.341	5	3288	0.044	29.128
2.342	4	3292	0.035	29.164
2.343	5	3297	0.044	29.208
2.344	8	3305	0.071	29.279
2.345	4	3309	0.035	29.314
2.346	4	3313	0.035	29.350
2.347	2	3315	0.018	29.367
2.348	4	3319	0.035	29.403
2.349	2	3321	0.018	29.421
2.35	3	3324	0.027	29.447
2.351	2	3326	0.018	29.465

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## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.352	2	3328	0.018	29.483
2.353	9	3337	0.080	29.562
2.354	4	3341	0.035	29.598
2.355	2	3343	0.018	29.616
2.356	2	3345	0.018	29.633
2.357	10	3355	0.089	29.722
2.358	4	3359	0.035	29.757
2.359	2	3361	0.018	29.775
2.36	7	3368	0.062	29.837
2.361	2	3370	0.018	29.855
2.362	4	3374	0.035	29.890
2.363	1	3375	0.009	29.899
2.364	10	3385	0.089	29.988
2.365	1	3386	0.009	29.996
2.366	6	3392	0.053	30.050
2.367	4	3396	0.035	30.085
2.368	5	3401	0.044	30.129
2.369	4	3405	0.035	30.165
2.37	7	3412	0.062	30.227
2.371	4	3416	0.035	30.262
2.372	1	3417	0.009	30.271
2.373	6	3423	0.053	30.324
2.374	1	3424	0.009	30.333
2.375	9	3433	0.080	30.413
2.376	4	3437	0.035	30.448
2.377	1	3438	0.009	30.457
2.378	7	3445	0.062	30.519
2.379	2	3447	0.018	30.537
2.38	2	3449	0.018	30.555
2.381	3	3452	0.027	30.581
2.382	4	3456	0.035	30.617
2.383	1	3457	0.009	30.625
2.385	16	3473	0.142	30.767
2.387	5	3478	0.044	30.811
2.388	5	3483	0.044	30.856
2.389	4	3487	0.035	30.891
2.39	5	3492	0.044	30.936
2.391	1	3493	0.009	30.944
2.392	2	3495	0.018	30.962
2.394	5	3500	0.044	31.006
2.395	1	3501	0.009	31.015
2.396	4	3505	0.035	31.051
2.397	2	3507	0.018	31.068
2.398	1	3508	0.009	31.077
2.399	1	3509	0.009	31.086
2.4	22	3531	0.195	31.281
2.401	1	3532	0.009	31.290
2.403	2	3534	0.018	31.308
2.404	3	3537	0.027	31.334
2.405	2	3539	0.018	31.352
2.406	5	3544	0.044	31.396
2.407	9	3553	0.080	31.476
2.408	5	3558	0.044	31.520
2.409	4	3562	0.035	31.556
2.41	1	3563	0.009	31.564

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## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.411	3	3566	0.027	31.591
2.412	5	3571	0.044	31.635
2.413	4	3575	0.035	31.671
2.414	1	3576	0.009	31.680
2.415	6	3582	0.053	31.733
2.416	2	3584	0.018	31.751
2.417	4	3588	0.035	31.786
2.418	2	3590	0.018	31.804
2.419	4	3594	0.035	31.839
2.42	2	3596	0.018	31.857
2.421	5	3601	0.044	31.901
2.422	1	3602	0.009	31.910
2.423	5	3607	0.044	31.954
2.424	5	3612	0.044	31.999
2.425	1	3613	0.009	32.007
2.426	11	3624	0.097	32.105
2.429	19	3643	0.168	32.273
2.43	3	3646	0.027	32.300
2.431	3	3649	0.027	32.326
2.432	6	3655	0.053	32.380
2.433	6	3661	0.053	32.433
2.434	1	3662	0.009	32.442
2.435	8	3670	0.071	32.512
2.436	3	3673	0.027	32.539
2.437	2	3675	0.018	32.557
2.438	9	3684	0.080	32.636
2.439	7	3691	0.062	32.698
2.44	9	3700	0.080	32.778
2.441	3	3703	0.027	32.805
2.442	5	3708	0.044	32.849
2.443	2	3710	0.018	32.867
2.444	12	3722	0.106	32.973
2.446	1	3723	0.009	32.982
2.447	5	3728	0.044	33.026
2.448	4	3732	0.035	33.062
2.449	6	3738	0.053	33.115
2.45	3	3741	0.027	33.141
2.451	1	3742	0.009	33.150
2.452	3	3745	0.027	33.177
2.453	3	3748	0.027	33.203
2.454	5	3753	0.044	33.248
2.455	5	3758	0.044	33.292
2.457	3	3761	0.027	33.319
2.458	3	3764	0.027	33.345
2.459	4	3768	0.035	33.381
2.46	5	3773	0.044	33.425
2.462	6	3779	0.053	33.478
2.463	7	3786	0.062	33.540
2.464	5	3791	0.044	33.584
2.465	3	3794	0.027	33.611
2.466	2	3796	0.018	33.629
2.467	6	3802	0.053	33.682
2.468	1	3803	0.009	33.691
2.469	5	3808	0.044	33.735
2.47	2	3810	0.018	33.753

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GENGPA	FREQUENCY	SYNTHETIC GPA CUM FREQ	PERCENT	CUM PERCENT
2.471	6	3816	0.053	33.806
2.472	3	3819	0.027	33.832
2.473	1	3820	0.009	33.841
2.474	9	3829	0.080	33.921
2.475	3	3832	0.027	33.948
2.476	9	3841	0.080	34.027
2.477	4	3845	0.035	34.063
2.478	5	3850	0.044	34.107
2.479	2	3852	0.018	34.125
2.48	1	3853	0.009	34.134
2.481	6	3859	0.053	34.187
2.482	4	3863	0.035	34.222
2.483	2	3865	0.018	34.240
2.484	6	3871	0.053	34.293
2.485	3	3874	0.027	34.320
2.486	4	3878	0.035	34.355
2.487	1	3879	0.009	34.364
2.488	4	3883	0.035	34.399
2.489	4	3887	0.035	34.435
2.49	2	3889	0.018	34.453
2.492	6	3895	0.053	34.506
2.493	2	3897	0.018	34.523
2.494	2	3899	0.018	34.541
2.495	2	3901	0.018	34.559
2.496	6	3907	0.053	34.612
2.5	109	4016	0.966	35.578
2.503	1	4017	0.009	35.586
2.504	4	4021	0.035	35.622
2.505	4	4025	0.035	35.657
2.506	4	4029	0.035	35.683
2.507	3	4032	0.027	35.719
2.508	3	4035	0.027	35.746
2.509	3	4038	0.027	35.773
2.51	5	4043	0.044	35.817
2.511	4	4047	0.035	35.852
2.512	3	4050	0.027	35.879
2.513	2	4052	0.018	35.897
2.514	4	4056	0.035	35.932
2.515	4	4060	0.035	35.967
2.516	4	4064	0.035	36.003
2.517	2	4066	0.018	36.021
2.518	3	4069	0.027	36.047
2.519	1	4070	0.009	36.056
2.52	3	4073	0.027	36.083
2.521	1	4074	0.009	36.091
2.522	4	4078	0.035	36.127
2.523	3	4081	0.027	36.153
2.524	3	4084	0.027	36.180
2.525	4	4088	0.035	36.215
2.526	5	4093	0.044	36.260
2.527	1	4094	0.009	36.269
2.529	4	4098	0.035	36.304
2.53	3	4101	0.027	36.331
2.531	3	4104	0.027	36.357
2.532	3	4107	0.027	36.384

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.533	6	4113	0.053	36.437
2.534	4	4117	0.035	36.472
2.535	4	4121	0.035	36.508
2.536	2	4123	0.018	36.526
2.537	2	4125	0.018	36.543
2.538	14	4139	0.124	36.667
2.539	1	4140	0.009	36.676
2.54	1	4141	0.009	36.685
2.541	3	4144	0.027	36.712
2.542	2	4146	0.018	36.729
2.543	2	4148	0.018	36.747
2.544	4	4152	0.035	36.782
2.545	10	4162	0.089	36.871
2.546	2	4164	0.018	36.889
2.547	1	4165	0.009	36.898
2.548	3	4168	0.027	36.924
2.549	3	4171	0.027	36.951
2.55	4	4175	0.035	36.986
2.552	3	4178	0.027	37.013
2.553	2	4180	0.018	37.030
2.554	2	4182	0.018	37.048
2.556	11	4193	0.097	37.146
2.557	8	4201	0.071	37.217
2.558	2	4203	0.018	37.234
2.559	2	4205	0.018	37.252
2.56	2	4207	0.018	37.270
2.562	2	4209	0.018	37.287
2.563	11	4220	0.097	37.385
2.564	3	4223	0.027	37.411
2.565	5	4228	0.044	37.456
2.566	1	4229	0.009	37.465
2.567	5	4234	0.044	37.509
2.568	2	4236	0.018	37.527
2.569	2	4238	0.018	37.544
2.57	5	4243	0.044	37.588
2.571	17	4260	0.151	37.739
2.573	2	4262	0.018	37.757
2.574	2	4264	0.018	37.775
2.575	1	4265	0.009	37.783
2.576	1	4266	0.009	37.792
2.577	4	4270	0.035	37.828
2.578	3	4273	0.027	37.854
2.579	3	4276	0.027	37.881
2.581	1	4277	0.009	37.890
2.582	3	4280	0.027	37.916
2.583	5	4285	0.044	37.961
2.584	3	4288	0.027	37.987
2.585	2	4290	0.018	38.005
2.586	5	4295	0.044	38.049
2.587	1	4296	0.009	38.058
2.588	8	4304	0.071	38.129
2.589	3	4307	0.027	38.156
2.59	3	4310	0.027	38.182
2.591	4	4314	0.035	38.218
2.592	1	4315	0.009	38.226

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.593	6	4321	0.053	38.280
2.594	3	4324	0.027	38.306
2.595	4	4328	0.035	38.342
2.596	1	4329	0.009	38.350
2.598	1	4330	0.009	38.359
2.6	22	4352	0.195	38.554
2.603	3	4355	0.027	38.581
2.604	2	4357	0.018	38.599
2.605	2	4359	0.018	38.616
2.606	1	4360	0.009	38.625
2.607	2	4362	0.018	38.643
2.609	1	4363	0.009	38.652
2.61	5	4368	0.044	38.696
2.611	5	4373	0.044	38.740
2.612	3	4376	0.027	38.767
2.613	5	4381	0.044	38.811
2.614	2	4383	0.018	38.829
2.615	8	4391	0.071	38.900
2.616	5	4396	0.044	38.944
2.617	2	4398	0.018	38.962
2.618	6	4404	0.053	39.015
2.619	7	4411	0.062	39.077
2.62	4	4415	0.035	39.112
2.621	2	4417	0.018	39.130
2.622	4	4421	0.035	39.165
2.623	2	4423	0.018	39.183
2.625	18	4441	0.159	39.343
2.626	1	4442	0.009	39.352
2.627	2	4444	0.018	39.369
2.628	1	4445	0.009	39.378
2.629	1	4446	0.009	39.387
2.63	4	4450	0.035	39.422
2.632	3	4453	0.027	39.449
2.633	5	4458	0.044	39.493
2.635	1	4459	0.009	39.502
2.636	11	4470	0.097	39.600
2.637	1	4471	0.009	39.608
2.638	1	4472	0.009	39.617
2.639	4	4476	0.035	39.653
2.64	2	4478	0.018	39.670
2.641	2	4480	0.018	39.688
2.642	3	4483	0.027	39.715
2.643	7	4490	0.062	39.777
2.644	6	4496	0.053	39.830
2.645	4	4500	0.035	39.865
2.646	3	4503	0.027	39.892
2.647	8	4511	0.071	39.963
2.648	1	4512	0.009	39.972
2.649	1	4513	0.009	39.981
2.65	5	4518	0.044	40.025
2.651	1	4519	0.009	40.034
2.652	3	4522	0.027	40.060
2.653	4	4526	0.035	40.096
2.654	7	4533	0.062	40.158
2.655	5	4538	0.044	40.202

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## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.656	1	4539	0.009	40.211
2.657	5	4544	0.044	40.255
2.658	3	4547	0.027	40.282
2.659	3	4550	0.027	40.308
2.661	5	4555	0.044	40.353
2.662	3	4558	0.027	40.379
2.663	2	4560	0.018	40.397
2.665	2	4562	0.018	40.415
2.667	51	4613	0.452	40.866
2.669	3	4616	0.027	40.893
2.67	4	4620	0.035	40.928
2.671	2	4622	0.018	40.946
2.672	5	4627	0.044	40.990
2.673	3	4630	0.027	41.017
2.674	4	4634	0.035	41.052
2.675	2	4636	0.018	41.070
2.676	2	4638	0.018	41.088
2.677	3	4641	0.027	41.114
2.679	5	4646	0.044	41.159
2.68	1	4647	0.009	41.168
2.681	2	4649	0.018	41.185
2.682	5	4654	0.044	41.230
2.683	3	4657	0.027	41.256
2.684	5	4662	0.044	41.300
2.685	4	4666	0.035	41.336
2.686	2	4668	0.018	41.354
2.687	3	4671	0.027	41.380
2.688	9	4680	0.080	41.460
2.689	4	4684	0.035	41.495
2.69	2	4686	0.018	41.513
2.691	1	4687	0.009	41.522
2.692	6	4693	0.053	41.575
2.694	3	4696	0.027	41.602
2.695	1	4697	0.009	41.611
2.696	13	4710	0.115	41.726
2.697	2	4712	0.018	41.743
2.698	2	4714	0.018	41.761
2.699	3	4717	0.027	41.788
2.7	5	4722	0.044	41.832
2.702	3	4725	0.027	41.859
2.703	3	4728	0.027	41.885
2.704	2	4730	0.018	41.903
2.705	1	4731	0.009	41.912
2.706	5	4736	0.044	41.956
2.707	2	4738	0.018	41.974
2.708	2	4740	0.018	41.991
2.709	4	4744	0.035	42.027
2.71	4	4748	0.035	42.062
2.711	2	4750	0.018	42.080
2.712	3	4753	0.027	42.107
2.713	1	4754	0.009	42.116
2.714	13	4767	0.115	42.231
2.715	1	4768	0.009	42.240
2.716	5	4773	0.044	42.284
2.717	2	4775	0.018	42.302

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GENGPA	FREQUENCY	SYNTHETIC GPA CUM FREQ	PERCENT	CUM PERCENT
2.718	2	4777	0.018	42.319
2.719	5	4782	0.044	42.364
2.72	4	4786	0.035	42.399
2.721	5	4791	0.044	42.443
2.722	7	4798	0.062	42.505
2.723	1	4799	0.009	42.514
2.724	2	4801	0.018	42.532
2.725	1	4802	0.009	42.541
2.726	2	4804	0.018	42.558
2.727	11	4815	0.097	42.656
2.728	1	4816	0.009	42.665
2.729	3	4819	0.027	42.691
2.73	3	4822	0.027	42.718
2.731	1	4823	0.009	42.727
2.732	2	4825	0.018	42.745
2.733	7	4832	0.062	42.807
2.734	5	4837	0.044	42.851
2.735	3	4840	0.027	42.877
2.736	3	4843	0.027	42.904
2.737	8	4851	0.071	42.975
2.738	4	4855	0.035	43.010
2.739	8	4863	0.071	43.081
2.74	4	4867	0.035	43.117
2.741	5	4872	0.044	43.161
2.742	4	4876	0.035	43.196
2.743	1	4877	0.009	43.205
2.744	4	4881	0.035	43.241
2.745	5	4886	0.044	43.285
2.746	2	4888	0.018	43.303
2.747	3	4891	0.027	43.329
2.748	4	4895	0.035	43.365
2.749	1	4896	0.009	43.373
2.75	39	4935	0.345	43.719
2.752	4	4939	0.035	43.754
2.753	1	4940	0.009	43.763
2.754	5	4945	0.044	43.808
2.755	3	4948	0.027	43.834
2.756	1	4949	0.009	43.843
2.757	2	4951	0.018	43.861
2.758	2	4953	0.018	43.878
2.759	2	4955	0.018	43.896
2.76	6	4961	0.053	43.949
2.761	1	4962	0.009	43.958
2.762	3	4965	0.027	43.985
2.763	3	4968	0.027	44.011
2.764	2	4970	0.018	44.029
2.765	8	4978	0.071	44.100
2.766	3	4981	0.027	44.127
2.767	4	4985	0.035	44.162
2.768	2	4987	0.018	44.180
2.769	10	4997	0.089	44.268
2.77	2	4999	0.018	44.286
2.771	2	5001	0.018	44.304
2.772	2	5003	0.018	44.321
2.773	5	5008	0.044	44.366

## TRANSCRIPT LEVEL FILE FREQUENCIES

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GENGPA	FREQUENCY	SYNTHETIC GPA CUM FREQ	PERCENT	CUM PERCENT
2.774	3	5011	0.027	44.392
2.776	2	5013	0.018	44.410
2.777	1	5014	0.009	44.419
2.778	9	5023	0.080	44.499
2.779	2	5025	0.018	44.516
2.78	3	5028	0.027	44.543
2.781	2	5030	0.018	44.561
2.782	4	5034	0.035	44.596
2.783	4	5038	0.035	44.631
2.784	3	5041	0.027	44.658
2.785	6	5047	0.053	44.711
2.786	9	5056	0.080	44.791
2.787	3	5059	0.027	44.818
2.788	7	5066	0.062	44.880
2.789	5	5071	0.044	44.924
2.79	2	5073	0.018	44.942
2.791	1	5074	0.009	44.950
2.792	4	5078	0.035	44.986
2.793	4	5082	0.035	45.021
2.794	3	5085	0.027	45.048
2.795	1	5086	0.009	45.057
2.796	2	5088	0.018	45.074
2.797	6	5094	0.053	45.128
2.798	2	5096	0.018	45.145
2.799	1	5097	0.009	45.154
2.8	31	5128	0.275	45.429
2.803	2	5130	0.018	45.446
2.805	1	5131	0.009	45.455
2.806	3	5134	0.027	45.482
2.807	2	5136	0.018	45.500
2.808	2	5138	0.018	45.517
2.809	3	5141	0.027	45.544
2.81	7	5148	0.062	45.606
2.811	2	5150	0.018	45.624
2.812	3	5153	0.027	45.650
2.813	8	5161	0.071	45.721
2.814	6	5167	0.053	45.774
2.815	4	5171	0.035	45.810
2.816	1	5172	0.009	45.819
2.817	4	5176	0.035	45.854
2.818	5	5181	0.044	45.898
2.819	1	5182	0.009	45.907
2.82	1	5183	0.009	45.916
2.821	2	5185	0.018	45.934
2.822	3	5188	0.027	45.960
2.823	3	5191	0.027	45.987
2.824	4	5195	0.035	46.022
2.825	2	5197	0.018	46.040
2.826	6	5203	0.053	46.093
2.828	5	5208	0.044	46.137
2.829	5	5213	0.044	46.182
2.83	2	5215	0.018	46.200
2.831	2	5217	0.018	46.217
2.832	2	5219	0.018	46.235
2.833	11	5230	0.097	46.332

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.834	1	5231	0.009	46.341
2.835	1	5232	0.009	46.350
2.836	1	5233	0.009	46.359
2.837	3	5236	0.027	46.386
2.838	1	5237	0.009	46.394
2.839	2	5239	0.018	46.412
2.84	2	5241	0.018	46.430
2.841	2	5243	0.018	46.449
2.842	3	5246	0.027	46.474
2.843	2	5248	0.018	46.492
2.844	3	5251	0.027	46.518
2.845	1	5252	0.009	46.527
2.846	8	5260	0.071	46.598
2.847	3	5263	0.027	46.625
2.848	3	5266	0.027	46.651
2.849	1	5267	0.009	46.660
2.85	4	5271	0.035	46.696
2.851	2	5273	0.018	46.713
2.852	6	5279	0.053	46.766
2.853	2	5281	0.018	46.784
2.855	7	5288	0.062	46.846
2.856	2	5290	0.018	46.864
2.857	16	5306	0.142	47.006
2.858	2	5308	0.018	47.023
2.859	3	5311	0.027	47.050
2.86	3	5314	0.027	47.077
2.861	1	5315	0.009	47.085
2.862	1	5316	0.009	47.094
2.863	3	5319	0.027	47.121
2.864	2	5321	0.018	47.139
2.865	1	5322	0.009	47.147
2.866	4	5326	0.035	47.183
2.867	7	5333	0.062	47.245
2.868	3	5336	0.027	47.271
2.869	2	5338	0.018	47.288
2.87	4	5342	0.035	47.325
2.871	4	5346	0.035	47.360
2.872	5	5351	0.044	47.404
2.873	2	5353	0.018	47.422
2.874	2	5355	0.018	47.440
2.875	11	5366	0.097	47.537
2.878	1	5367	0.009	47.546
2.879	3	5370	0.027	47.573
2.88	4	5374	0.035	47.608
2.882	6	5380	0.053	47.661
2.883	1	5381	0.009	47.670
2.884	2	5383	0.018	47.688
2.885	4	5387	0.035	47.723
2.886	4	5391	0.035	47.758
2.887	4	5395	0.035	47.794
2.888	2	5397	0.018	47.812
2.889	15	5412	0.133	47.945
2.89	2	5414	0.018	47.962
2.891	3	5417	0.027	47.989
2.892	1	5418	0.009	47.998

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.893	7	5425	0.062	48.060
2.894	3	5428	0.027	48.086
2.895	9	5437	0.080	48.166
2.896	1	5438	0.009	48.175
2.897	2	5440	0.018	48.193
2.898	3	5443	0.027	48.219
2.899	2	5445	0.018	48.237
2.9	10	5455	0.089	48.326
2.901	2	5457	0.018	48.343
2.902	3	5460	0.027	48.370
2.903	5	5465	0.044	48.414
2.904	3	5468	0.027	48.441
2.905	4	5472	0.035	48.476
2.906	3	5475	0.027	48.503
2.907	4	5479	0.035	48.538
2.908	5	5484	0.044	48.583
2.909	8	5492	0.071	48.653
2.91	1	5493	0.009	48.662
2.912	3	5496	0.027	48.689
2.913	2	5498	0.018	48.707
2.914	1	5499	0.009	48.715
2.915	5	5504	0.044	48.760
2.916	1	5505	0.009	48.769
2.917	8	5513	0.071	48.839
2.918	4	5517	0.035	48.875
2.919	4	5521	0.035	48.910
2.921	4	5525	0.035	48.946
2.922	5	5530	0.044	48.990
2.923	6	5536	0.053	49.043
2.924	3	5539	0.027	49.070
2.925	5	5544	0.044	49.114
2.926	1	5545	0.009	49.123
2.927	3	5548	0.027	49.150
2.928	3	5551	0.027	49.176
2.929	6	5557	0.053	49.229
2.93	1	5558	0.009	49.238
2.931	3	5561	0.027	49.265
2.932	3	5564	0.027	49.291
2.933	8	5572	0.071	49.362
2.934	1	5573	0.009	49.371
2.935	6	5579	0.053	49.424
2.936	1	5580	0.009	49.433
2.937	2	5582	0.018	49.451
2.938	5	5587	0.044	49.495
2.939	7	5594	0.062	49.557
2.94	3	5597	0.027	49.584
2.941	4	5601	0.035	49.619
2.942	2	5603	0.018	49.637
2.944	5	5608	0.044	49.681
2.946	4	5612	0.035	49.717
2.947	4	5616	0.035	49.752
2.948	1	5617	0.009	49.761
2.949	1	5618	0.009	49.770
2.95	7	5625	0.062	49.832
2.951	1	5626	0.009	49.841

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GENQPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.952	4	5630	0.035	49.876
2.953	1	5631	0.009	49.885
2.954	1	5632	0.009	49.894
2.955	2	5634	0.016	49.911
2.956	1	5635	0.009	49.920
2.957	6	5641	0.053	49.973
2.958	2	5643	0.018	49.991
2.959	2	5645	0.016	50.009
2.96	5	5650	0.044	50.053
2.962	3	5653	0.027	50.080
2.963	4	5657	0.035	50.115
2.964	2	5659	0.018	50.133
2.965	4	5663	0.035	50.168
2.966	1	5664	0.009	50.177
2.967	1	5665	0.009	50.186
2.968	5	5670	0.044	50.230
2.969	3	5673	0.027	50.257
2.97	6	5679	0.053	50.310
2.971	3	5682	0.027	50.337
2.972	1	5683	0.009	50.345
2.973	3	5686	0.027	50.372
2.974	5	5691	0.044	50.416
2.975	3	5694	0.027	50.443
2.976	4	5696	0.035	50.478
2.977	1	5699	0.009	50.487
2.978	2	5701	0.016	50.505
2.979	3	5704	0.027	50.532
2.98	4	5708	0.035	50.567
2.982	4	5712	0.035	50.602
2.983	1	5713	0.009	50.611
2.984	5	5716	0.044	50.656
2.985	4	5722	0.035	50.691
2.986	4	5726	0.035	50.726
2.987	2	5728	0.018	50.744
2.988	2	5730	0.018	50.762
2.989	1	5731	0.009	50.771
2.99	2	5733	0.018	50.788
2.991	4	5737	0.035	50.824
2.992	2	5739	0.018	50.842
2.993	1	5740	0.009	50.850
3	307	6047	2.720	53.570
3.007	1	6048	0.009	53.579
3.008	6	6054	0.053	53.632
3.009	1	6055	0.009	53.641
3.011	3	6058	0.027	53.668
3.013	1	6059	0.009	53.676
3.014	1	6060	0.009	53.685
3.015	3	6063	0.027	53.712
3.016	2	6065	0.018	53.730
3.017	4	6069	0.035	53.765
3.018	4	6073	0.035	53.800
3.019	1	6074	0.009	53.809
3.02	2	6076	0.018	53.827
3.021	4	6080	0.035	53.863
3.023	2	6082	0.018	53.880

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
3.024	7	6089	0.062	53.942
3.025	5	6094	0.044	53.987
3.026	3	6097	0.027	54.013
3.027	2	6099	0.018	54.031
3.028	2	6101	0.018	54.049
3.029	5	6106	0.044	54.093
3.03	5	6111	0.044	54.137
3.031	3	6114	0.027	54.164
3.032	4	6118	0.035	54.199
3.033	3	6121	0.027	54.226
3.034	3	6124	0.027	54.252
3.035	3	6127	0.027	54.279
3.036	5	6132	0.044	54.323
3.037	1	6133	0.009	54.332
3.038	3	6136	0.027	54.359
3.039	1	6137	0.009	54.367
3.04	2	6139	0.018	54.385
3.042	6	6145	0.053	54.438
3.043	3	6148	0.027	54.465
3.044	1	6149	0.009	54.474
3.045	2	6151	0.018	54.491
3.046	1	6152	0.009	54.500
3.047	5	6157	0.044	54.545
3.048	6	6163	0.053	54.598
3.049	2	6165	0.018	54.616
3.05	4	6169	0.035	54.651
3.051	5	6174	0.044	54.695
3.052	1	6175	0.009	54.704
3.053	4	6179	0.035	54.740
3.054	3	6182	0.027	54.766
3.055	3	6185	0.027	54.793
3.056	3	6188	0.027	54.819
3.057	1	6189	0.009	54.828
3.058	2	6191	0.018	54.846
3.059	5	6196	0.044	54.890
3.06	6	6202	0.053	54.943
3.061	2	6204	0.018	54.961
3.062	2	6206	0.018	54.979
3.063	4	6210	0.035	55.014
3.064	1	6211	0.009	55.023
3.065	3	6214	0.027	55.050
3.066	1	6215	0.009	55.058
3.067	5	6220	0.044	55.103
3.068	3	6223	0.027	55.129
3.069	5	6228	0.044	55.174
3.07	2	6230	0.018	55.191
3.071	3	6233	0.027	55.218
3.072	2	6235	0.018	55.236
3.073	4	6239	0.035	55.271
3.074	3	6242	0.027	55.298
3.075	6	6248	0.053	55.351
3.076	1	6249	0.009	55.360
3.077	7	6256	0.062	55.422
3.078	2	6258	0.018	55.439
3.079	3	6261	0.027	55.466

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
3.08	5	6266	0.044	55.510
3.081	4	6270	0.035	55.546
3.082	2	6272	0.018	55.563
3.083	4	6276	0.035	55.599
3.084	2	6278	0.018	55.617
3.085	3	6281	0.027	55.643
3.086	5	6286	0.044	55.687
3.087	3	6289	0.027	55.714
3.088	3	6292	0.027	55.741
3.09	2	6294	0.018	55.758
3.091	9	6303	0.080	55.838
3.092	2	6305	0.018	55.856
3.093	2	6307	0.018	55.873
3.094	3	6310	0.027	55.900
3.095	5	6315	0.044	55.944
3.096	1	6316	0.009	55.953
3.098	1	6317	0.009	55.962
3.1	9	6326	0.080	56.042
3.101	1	6327	0.009	56.051
3.102	5	6332	0.044	56.095
3.103	3	6335	0.027	56.122
3.105	2	6337	0.018	56.139
3.106	2	6339	0.018	56.157
3.107	3	6342	0.027	56.184
3.108	1	6343	0.009	56.192
3.109	2	6345	0.018	56.210
3.111	14	6359	0.124	56.334
3.112	1	6360	0.009	56.343
3.113	3	6363	0.027	56.370
3.114	1	6364	0.009	56.378
3.116	1	6365	0.009	56.387
3.117	2	6367	0.018	56.405
3.118	4	6371	0.035	56.440
3.119	2	6373	0.018	56.458
3.12	1	6374	0.009	56.467
3.121	5	6379	0.044	56.511
3.122	4	6383	0.035	56.547
3.123	1	6384	0.009	56.556
3.124	1	6385	0.009	56.564
3.125	8	6393	0.071	56.635
3.126	1	6394	0.009	56.644
3.128	3	6397	0.027	56.671
3.129	2	6399	0.018	56.689
3.13	3	6402	0.027	56.715
3.132	2	6404	0.018	56.733
3.133	5	6409	0.044	56.777
3.135	1	6410	0.009	56.786
3.136	5	6415	0.044	56.830
3.137	3	6418	0.027	56.857
3.138	3	6421	0.027	56.883
3.139	1	6422	0.009	56.892
3.141	1	6423	0.009	56.901
3.142	1	6424	0.009	56.910
3.143	4	6428	0.035	56.945
3.144	3	6431	0.027	56.972

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
3.145	2	6433	0.018	56.990
3.146	2	6435	0.018	57.007
3.147	1	6436	0.009	57.016
3.148	4	6440	0.035	57.052
3.149	1	6441	0.009	57.061
3.15	2	6443	0.018	57.078
3.151	1	6444	0.009	57.087
3.152	3	6447	0.027	57.114
3.153	4	6451	0.035	57.149
3.154	7	6458	0.062	57.211
3.155	1	6459	0.009	57.220
3.156	2	6461	0.018	57.238
3.157	2	6463	0.018	57.255
3.158	6	6469	0.053	57.309
3.159	2	6471	0.018	57.326
3.16	4	6475	0.035	57.362
3.161	3	6478	0.027	57.388
3.162	1	6479	0.009	57.397
3.164	3	6482	0.027	57.424
3.165	4	6486	0.035	57.459
3.166	1	6487	0.009	57.468
3.167	11	6498	0.097	57.566
3.168	1	6499	0.009	57.574
3.169	1	6500	0.009	57.583
3.17	1	6501	0.009	57.592
3.171	6	6507	0.053	57.645
3.172	8	6515	0.071	57.716
3.173	2	6517	0.018	57.734
3.174	3	6520	0.027	57.760
3.175	7	6527	0.062	57.822
3.176	3	6530	0.027	57.849
3.177	2	6532	0.018	57.867
3.178	3	6535	0.027	57.893
3.179	5	6540	0.044	57.938
3.18	2	6542	0.018	57.955
3.181	3	6545	0.027	57.982
3.182	7	6552	0.062	58.044
3.183	4	6556	0.035	58.079
3.184	3	6559	0.027	58.106
3.187	3	6562	0.027	58.133
3.188	5	6567	0.044	58.177
3.189	3	6570	0.027	58.203
3.19	2	6572	0.018	58.221
3.191	2	6574	0.018	58.239
3.192	1	6575	0.009	58.248
3.193	1	6576	0.009	58.257
3.194	1	6577	0.009	58.265
3.195	1	6578	0.009	58.274
3.196	4	6582	0.035	58.310
3.198	2	6584	0.018	58.327
3.2	13	6597	0.115	58.443
3.202	1	6598	0.009	58.451
3.203	3	6601	0.027	58.478
3.204	2	6603	0.018	58.496
3.205	1	6604	0.009	58.505

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GENGPA	FREQUENCY	SYNTHETIC GPA CUM FREQ	PERCENT	CUM PERCENT
3.206	2	6606	0.018	58.522
3.208	4	6610	0.035	58.558
3.21	1	6611	0.009	58.567
3.211	2	6613	0.018	58.584
3.212	1	6614	0.009	58.593
3.213	2	6616	0.018	58.611
3.214	6	6622	0.053	58.664
3.215	1	6623	0.009	58.673
3.217	5	6628	0.044	58.717
3.219	5	6633	0.044	58.762
3.22	1	6634	0.009	58.770
3.221	2	6636	0.018	58.788
3.222	5	6641	0.044	58.832
3.224	1	6642	0.009	58.841
3.225	2	6644	0.018	58.859
3.226	4	6648	0.035	58.894
3.227	2	6650	0.018	58.912
3.228	3	6653	0.027	58.939
3.229	3	6656	0.027	58.965
3.23	2	6658	0.018	58.983
3.231	7	6665	0.062	59.045
3.232	2	6667	0.018	59.063
3.233	4	6671	0.035	59.098
3.234	1	6672	0.009	59.107
3.235	2	6674	0.018	59.125
3.236	2	6676	0.018	59.142
3.237	4	6680	0.035	59.178
3.238	4	6684	0.035	59.213
3.239	1	6685	0.009	59.222
3.24	7	6692	0.062	59.284
3.241	3	6695	0.027	59.311
3.242	6	6701	0.053	59.364
3.243	4	6705	0.035	59.399
3.244	3	6708	0.027	59.426
3.245	1	6709	0.009	59.435
3.246	2	6711	0.018	59.453
3.247	3	6714	0.027	59.479
3.248	5	6719	0.044	59.523
3.249	1	6720	0.009	59.532
3.25	33	6753	0.282	59.825
3.252	2	6755	0.018	59.842
3.253	2	6757	0.018	59.860
3.254	3	6760	0.027	59.887
3.256	4	6764	0.035	59.922
3.257	1	6765	0.009	59.931
3.258	6	6771	0.053	59.984
3.259	4	6775	0.035	60.019
3.26	2	6777	0.018	60.037
3.261	3	6780	0.027	60.064
3.263	4	6784	0.035	60.099
3.264	1	6785	0.009	60.108
3.266	3	6788	0.027	60.135
3.267	4	6792	0.035	60.170
3.268	3	6795	0.027	60.197
3.269	3	6798	0.027	60.223

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## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GENGPA	FREQUENCY	SYNTHETIC GPA CUM FREQ	PERCENT	CUM PERCENT
3.27	3	6801	0.027	60.250
3.271	2	6803	0.018	60.268
3.272	2	6805	0.018	60.285
3.273	5	6810	0.044	60.330
3.274	3	6813	0.027	60.356
3.275	4	6817	0.035	60.392
3.276	5	6822	0.044	60.436
3.277	1	6823	0.009	60.445
3.278	6	6829	0.053	60.498
3.279	3	6832	0.027	60.524
3.28	3	6835	0.027	60.551
3.282	2	6837	0.018	60.569
3.283	2	6839	0.018	60.586
3.284	2	6841	0.018	60.604
3.285	3	6844	0.027	60.631
3.286	9	6853	0.080	60.710
3.287	2	6855	0.018	60.728
3.289	4	6859	0.035	60.764
3.29	3	6862	0.027	60.790
3.292	1	6863	0.009	60.799
3.293	1	6864	0.009	60.808
3.294	3	6867	0.027	60.835
3.295	1	6868	0.009	60.843
3.296	2	6870	0.018	60.861
3.297	2	6872	0.018	60.879
3.298	1	6873	0.009	60.888
3.299	3	6876	0.027	60.914
3.3	5	6881	0.044	60.958
3.301	1	6882	0.009	60.967
3.302	1	6883	0.009	60.976
3.303	3	6886	0.027	61.003
3.304	2	6888	0.018	61.021
3.305	1	6889	0.009	61.029
3.306	5	6894	0.044	61.074
3.307	2	6896	0.018	61.091
3.308	5	6901	0.044	61.136
3.309	2	6903	0.018	61.153
3.31	3	6906	0.027	61.180
3.311	2	6908	0.018	61.198
3.313	7	6915	0.062	61.260
3.314	2	6917	0.018	61.277
3.315	2	6919	0.018	61.295
3.316	2	6921	0.018	61.313
3.317	3	6924	0.027	61.339
3.318	4	6928	0.035	61.375
3.319	2	6930	0.018	61.393
3.32	1	6931	0.009	61.401
3.321	2	6933	0.018	61.419
3.322	2	6935	0.018	61.437
3.323	2	6937	0.018	61.455
3.324	1	6938	0.009	61.464
3.325	1	6939	0.009	61.472
3.326	2	6941	0.018	61.490
3.327	6	6947	0.053	61.543
3.328	1	6948	0.009	61.552

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
3.33	2	6950	0.018	61.570
3.333	32	6982	0.283	61.853
3.336	2	6984	0.018	61.871
3.337	1	6985	0.009	61.880
3.338	2	6987	0.018	61.898
3.339	2	6989	0.018	61.915
3.341	2	6991	0.018	61.933
3.342	1	6992	0.009	61.942
3.343	2	6994	0.018	61.960
3.344	2	6996	0.018	61.977
3.346	1	6997	0.009	61.986
3.348	1	6998	0.009	61.995
3.349	1	6999	0.009	62.004
3.35	1	7000	0.009	62.013
3.351	1	7001	0.009	62.022
3.353	1	7002	0.009	62.030
3.355	2	7004	0.018	62.048
3.356	2	7006	0.018	62.066
3.357	3	7009	0.027	62.092
3.353	1	7010	0.009	62.101
3.36	6	7016	0.053	62.155
3.361	4	7020	0.035	62.190
3.362	2	7022	0.018	62.208
3.363	1	7023	0.009	62.217
3.364	7	7030	0.062	62.279
3.365	2	7032	0.018	62.296
3.367	2	7034	0.018	62.314
3.368	5	7039	0.044	62.358
3.369	1	7040	0.009	62.367
3.37	1	7041	0.009	62.376
3.371	1	7042	0.009	62.385
3.374	1	7043	0.009	62.394
3.375	5	7048	0.044	62.438
3.376	4	7052	0.035	62.473
3.377	1	7053	0.009	62.482
3.378	1	7054	0.009	62.491
3.381	3	7057	0.027	62.518
3.382	1	7058	0.009	62.527
3.383	1	7059	0.009	62.535
3.384	2	7061	0.018	62.553
3.385	5	7066	0.044	62.597
3.387	3	7069	0.027	62.624
3.389	2	7071	0.018	62.642
3.39	2	7073	0.018	62.659
3.391	7	7080	0.062	62.721
3.392	1	7081	0.009	62.730
3.393	1	7082	0.009	62.739
3.395	2	7084	0.018	62.757
3.396	1	7085	0.009	62.766
3.397	1	7086	0.009	62.775
3.4	12	7098	0.106	62.881
3.402	1	7099	0.009	62.890
3.403	2	7101	0.018	62.908
3.404	4	7105	0.035	62.943
3.405	3	7108	0.027	62.970

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## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
3.406	6	7114	0.053	63.023
3.407	3	7117	0.027	63.049
3.408	1	7118	0.009	63.058
3.409	2	7120	0.018	63.076
3.41	2	7122	0.018	63.094
3.412	4	7126	0.035	63.129
3.413	2	7128	0.018	63.147
3.414	1	7129	0.009	63.156
3.415	2	7131	0.018	63.173
3.416	1	7132	0.009	63.182
3.417	5	7137	0.044	63.226
3.418	1	7138	0.009	63.235
3.419	1	7139	0.009	63.244
3.421	1	7140	0.009	63.253
3.422	2	7142	0.018	63.271
3.423	1	7143	0.009	63.280
3.424	2	7145	0.018	63.297
3.425	2	7147	0.018	63.315
3.426	3	7150	0.027	63.342
3.427	1	7151	0.009	63.350
3.429	8	7159	0.071	63.421
3.431	4	7163	0.035	63.457
3.432	2	7165	0.018	63.474
3.433	3	7168	0.027	63.501
3.435	1	7169	0.009	63.510
3.436	1	7170	0.009	63.519
3.438	6	7176	0.053	63.572
3.439	2	7178	0.018	63.590
3.44	3	7181	0.027	63.616
3.441	2	7183	0.018	63.634
3.442	1	7184	0.009	63.643
3.443	3	7187	0.027	63.669
3.444	8	7195	0.071	63.740
3.445	1	7196	0.009	63.749
3.448	2	7198	0.018	63.767
3.45	3	7201	0.027	63.793
3.452	1	7202	0.009	63.802
3.453	2	7204	0.018	63.820
3.454	1	7205	0.009	63.829
3.455	6	7211	0.053	63.882
3.456	1	7212	0.009	63.891
3.458	1	7213	0.009	63.900
3.459	3	7216	0.027	63.926
3.46	1	7217	0.009	63.935
3.462	5	7222	0.044	63.979
3.463	1	7223	0.009	63.988
3.464	2	7225	0.018	64.006
3.465	2	7227	0.018	64.024
3.466	2	7229	0.018	64.041
3.467	6	7235	0.053	64.095
3.468	2	7237	0.018	64.112
3.472	1	7238	0.009	64.121
3.473	3	7241	0.027	64.148
3.474	2	7243	0.018	64.165
3.475	3	7246	0.027	64.192

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
3.476	1	7247	0.009	64.201
3.478	3	7250	0.027	64.227
3.479	1	7251	0.009	64.236
3.48	2	7253	0.018	64.254
3.482	2	7255	0.018	64.272
3.483	5	7260	0.044	64.316
3.485	1	7261	0.009	64.325
3.486	3	7264	0.027	64.352
3.487	1	7265	0.009	64.360
3.488	2	7267	0.018	64.378
3.489	2	7269	0.018	64.396
3.49	1	7270	0.009	64.405
3.492	1	7271	0.009	64.414
3.494	1	7272	0.009	64.422
3.498	1	7273	0.009	64.431
3.5	50	7323	0.443	64.874
3.504	3	7326	0.027	64.901
3.505	1	7327	0.009	64.910
3.506	1	7328	0.009	64.918
3.507	1	7329	0.009	64.927
3.508	1	7330	0.009	64.936
3.509	3	7333	0.027	64.963
3.511	2	7335	0.018	64.981
3.512	5	7340	0.044	65.025
3.513	2	7342	0.018	65.043
3.515	2	7344	0.018	65.060
3.516	1	7345	0.009	65.069
3.519	2	7347	0.018	65.087
3.52	2	7349	0.018	65.105
3.521	1	7350	0.009	65.113
3.522	1	7351	0.009	65.122
3.524	3	7354	0.027	65.149
3.526	3	7357	0.027	65.175
3.527	2	7359	0.018	65.193
3.528	1	7360	0.009	65.202
3.53	1	7361	0.009	65.211
3.531	2	7363	0.018	65.229
3.532	1	7364	0.009	65.237
3.533	3	7367	0.027	65.264
3.535	1	7368	0.009	65.273
3.536	2	7370	0.018	65.291
3.538	3	7373	0.027	65.317
3.539	1	7374	0.009	65.326
3.54	1	7375	0.009	65.335
3.541	3	7378	0.027	65.361
3.542	3	7381	0.027	65.388
3.543	2	7383	0.018	65.406
3.544	1	7384	0.009	65.415
3.545	2	7386	0.018	65.432
3.547	1	7387	0.009	65.441
3.552	4	7391	0.035	65.477
3.554	2	7393	0.018	65.494
3.556	4	7397	0.035	65.530
3.557	1	7398	0.009	65.539
3.558	1	7399	0.009	65.547



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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
3.559	2	7401	0.018	65.565
3.56	1	7402	0.009	65.574
3.561	2	7404	0.018	65.592
3.563	5	7409	0.044	65.636
3.564	1	7410	0.009	65.645
3.567	1	7411	0.009	65.654
3.568	1	7412	0.009	65.663
3.569	1	7413	0.009	65.672
3.57	2	7415	0.018	65.689
3.571	10	7425	0.089	65.778
3.574	3	7428	0.027	65.804
3.577	1	7429	0.009	65.813
3.58	1	7430	0.009	65.822
3.581	3	7433	0.027	65.849
3.582	1	7434	0.009	65.858
3.583	1	7435	0.009	65.866
3.584	3	7438	0.027	65.893
3.585	1	7439	0.009	65.902
3.586	3	7442	0.027	65.928
3.587	2	7444	0.018	65.946
3.588	3	7447	0.027	65.973
3.589	1	7448	0.009	65.982
3.59	1	7449	0.009	65.990
3.591	4	7453	0.035	66.026
3.592	1	7454	0.009	66.035
3.593	1	7455	0.009	66.044
3.595	1	7456	0.009	66.052
3.598	2	7458	0.018	66.070
3.6	10	7468	0.089	66.159
3.601	1	7469	0.009	66.168
3.602	1	7470	0.009	66.176
3.603	1	7471	0.009	66.185
3.604	1	7472	0.009	66.194
3.605	1	7473	0.009	66.203
3.606	2	7475	0.018	66.221
3.607	3	7478	0.027	66.247
3.608	2	7480	0.018	66.265
3.609	1	7481	0.009	66.274
3.611	3	7484	0.027	66.300
3.612	1	7485	0.009	66.309
3.613	1	7486	0.009	66.318
3.614	2	7488	0.018	66.336
3.615	1	7489	0.009	66.345
3.616	2	7491	0.018	66.363
3.617	2	7493	0.018	66.380
3.618	1	7494	0.009	66.389
3.619	2	7496	0.018	66.407
3.621	2	7498	0.018	66.425
3.622	1	7499	0.009	66.433
3.623	1	7500	0.009	66.442
3.625	4	7504	0.035	66.478
3.628	1	7505	0.009	66.487
3.63	1	7506	0.009	66.495
3.632	4	7510	0.035	66.531
3.633	1	7511	0.009	66.540

## TRANSCRIPT-LEVEL FILE FREQUENCIES

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GENGPA	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
3.634	1	7512	0.009	66.549
3.636	2	7514	0.018	66.566
3.638	1	7515	0.009	66.575
3.64	2	7517	0.018	66.593
3.641	1	7518	0.009	66.602
3.643	3	7521	0.027	66.628
3.644	1	7522	0.009	66.637
3.645	3	7525	0.027	66.664
3.646	1	7526	0.009	66.673
3.647	3	7529	0.027	66.699
3.649	2	7531	0.018	66.717
3.65	2	7533	0.018	66.735
3.651	1	7534	0.009	66.743
3.652	1	7535	0.009	66.752
3.654	2	7537	0.018	66.770
3.655	1	7538	0.009	66.779
3.66	1	7539	0.009	66.788
3.661	1	7540	0.009	66.797
3.666	1	7541	0.009	66.805
3.667	21	7562	0.186	66.991
3.669	1	7563	0.009	67.000
3.67	1	7564	0.009	67.009
3.671	1	7565	0.009	67.018
3.672	1	7566	0.009	67.027
3.679	3	7569	0.027	67.054
3.68	1	7570	0.009	67.062
3.683	3	7573	0.027	67.089
3.684	3	7576	0.027	67.116
3.687	2	7578	0.018	67.133
3.689	3	7581	0.027	67.160
3.69	1	7582	0.009	67.169
3.691	1	7583	0.009	67.178
3.692	3	7586	0.027	67.204
3.694	1	7587	0.009	67.213
3.696	2	7589	0.018	67.231
3.698	1	7590	0.009	67.240
3.7	5	7595	0.044	67.284
3.704	1	7596	0.009	67.293
3.705	1	7597	0.009	67.302
3.707	1	7598	0.009	67.310
3.708	4	7602	0.035	67.346
3.709	1	7603	0.009	67.355
3.71	3	7606	0.027	67.381
3.711	3	7609	0.027	67.408
3.712	1	7610	0.009	67.417
3.713	3	7613	0.027	67.443
3.714	5	7618	0.044	67.488
3.715	3	7621	0.027	67.514
3.716	1	7622	0.009	67.523
3.717	2	7624	0.018	67.541
3.719	2	7626	0.018	67.558
3.721	2	7628	0.018	67.576
3.723	2	7630	0.018	67.594
3.724	1	7631	0.009	67.603
3.725	1	7632	0.009	67.612

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
3.726	3	7635	0.027	67.638
3.727	6	7641	0.053	67.691
3.729	3	7644	0.027	67.718
3.73	2	7646	0.018	67.736
3.732	3	7649	0.027	67.762
3.733	5	7654	0.044	67.807
3.734	1	7655	0.009	67.815
3.735	2	7657	0.018	67.833
3.736	1	7658	0.009	67.842
3.737	4	7662	0.035	67.877
3.738	2	7664	0.018	67.895
3.739	1	7668	0.009	67.904
3.74	1	7666	0.009	67.913
3.741	2	7668	0.018	67.931
3.742	2	7670	0.018	67.948
3.743	1	7671	0.009	67.957
3.75	9	7679	0.071	68.028
3.752	2	7681	0.018	68.046
3.758	1	7682	0.009	68.055
3.76	1	7683	0.009	68.063
3.763	2	7685	0.018	68.081
3.765	4	7689	0.035	68.117
3.767	1	7690	0.009	68.125
3.769	4	7694	0.035	68.161
3.77	1	7695	0.009	68.170
3.772	1	7696	0.009	68.178
3.774	1	7697	0.009	68.187
3.776	2	7699	0.018	68.205
3.778	4	7703	0.035	68.241
3.78	1	7704	0.009	68.249
3.781	2	7706	0.018	68.267
3.782	1	7707	0.009	68.276
3.784	1	7708	0.009	68.285
3.785	1	7709	0.009	68.294
3.786	3	7712	0.027	68.320
3.788	2	7714	0.018	68.338
3.791	1	7715	0.009	68.347
3.793	1	7716	0.009	68.356
3.795	1	7717	0.009	68.365
3.797	1	7718	0.009	68.373
3.799	1	7719	0.009	68.382
3.8	11	7730	0.097	68.480
3.802	2	7732	0.018	68.498
3.807	1	7733	0.009	68.506
3.809	1	7734	0.009	68.515
3.81	2	7736	0.018	68.533
3.811	1	7737	0.009	68.542
3.813	3	7740	0.027	68.568
3.814	1	7741	0.009	68.577
3.816	1	7742	0.009	68.586
3.817	1	7743	0.009	68.595
3.818	1	7744	0.009	68.604
3.819	1	7745	0.009	68.613
3.82	1	7746	0.009	68.622
3.821	5	7751	0.044	68.666

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
3.825	1	7752	0.009	68.675
3.826	2	7754	0.018	68.692
3.827	2	7756	0.018	68.710
3.828	1	7757	0.009	68.719
3.829	1	7758	0.009	68.728
3.83	1	7759	0.009	68.737
3.831	2	7761	0.018	68.754
3.833	4	7765	0.035	68.790
3.835	1	7766	0.009	68.799
3.839	1	7767	0.009	68.808
3.84	1	7768	0.009	68.816
3.841	2	7770	0.018	68.834
3.842	1	7771	0.009	68.843
3.846	2	7773	0.018	68.861
3.851	1	7774	0.009	68.870
3.853	1	7775	0.009	68.878
3.856	1	7776	0.009	68.887
3.857	6	7782	0.053	68.940
3.864	2	7784	0.018	68.958
3.867	2	7786	0.018	68.976
3.868	2	7788	0.018	68.994
3.869	1	7789	0.009	69.002
3.873	1	7790	0.009	69.011
3.875	3	7793	0.027	69.038
3.878	3	7796	0.027	69.064
3.879	1	7797	0.009	69.073
3.883	1	7798	0.009	69.082
3.884	1	7799	0.009	69.091
3.886	2	7801	0.018	69.109
3.887	1	7802	0.009	69.118
3.895	2	7804	0.018	69.135
3.896	1	7805	0.009	69.144
3.897	2	7807	0.018	69.162
3.9	2	7809	0.018	69.180
3.901	1	7810	0.009	69.189
3.902	1	7811	0.009	69.197
3.903	3	7814	0.027	69.224
3.904	1	7815	0.009	69.233
3.908	1	7816	0.009	69.242
3.909	2	7818	0.018	69.259
3.911	1	7819	0.009	69.268
3.912	2	7821	0.018	69.286
3.914	2	7823	0.018	69.304
3.915	1	7824	0.009	69.313
3.917	2	7826	0.018	69.330
3.923	2	7828	0.018	69.348
3.933	1	7829	0.009	69.357
3.936	1	7830	0.009	69.366
3.937	1	7831	0.009	69.375
3.939	2	7833	0.018	69.392
3.942	1	7834	0.009	69.401
3.944	1	7835	0.009	69.410
3.946	2	7837	0.018	69.428
3.949	1	7838	0.009	69.437
3.95	2	7840	0.018	69.454

TRANSCRIPT-LEVEL FILE FREQUENCIES

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GENGPA	SYNTHETIC GPA			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
3.952	2	7842	0.018	69.472
3.953	1	7843	0.009	69.481
3.955	1	7844	0.009	69.490
3.956	1	7845	0.009	69.499
3.957	1	7846	0.009	69.507
3.958	1	7847	0.009	69.516
3.96	1	7848	0.009	69.525
3.961	1	7849	0.009	69.534
3.963	1	7850	0.009	69.543
3.968	1	7851	0.009	69.552
3.971	1	7852	0.009	69.561
3.974	1	7853	0.009	69.569
3.984	1	7854	0.009	69.578
3.991	1	7855	0.009	69.587
4	200	8055	1.772	71.359
MISSING/ZERO	3233	11288	28.641	100.000

## TRANSCRIPT-LEVEL FILE FREQUENCIES

10:32 THURSDAY, AUGUST 15, 1985 368

TCREDA	TOT FREQUENCY	CRED. ATTEMPTED CUM FREQ	PERCENT	CUM PERCENT
1	26	26	0.230	0.230
2	38	64	0.337	0.567
3	232	296	2.058	2.622
4	83	379	0.735	3.358
5	82	431	0.461	3.818
6	193	624	1.710	5.528
7	58	682	0.514	6.042
8	78	760	0.691	6.733
9	146	906	1.293	8.026
10	83	989	0.735	8.762
11	60	1049	0.532	9.293
12	189	1238	1.674	10.967
13	112	1350	0.992	11.960
14	87	1437	0.771	12.730
15	136	1573	1.205	13.935
16	106	1679	0.939	14.874
17	54	1733	0.478	15.353
18	88	1821	0.780	16.132
19	59	1880	0.523	16.655
20	50	1930	0.443	17.098
21	65	1995	0.576	17.674
22	63	2058	0.558	18.232
23	51	2109	0.452	18.684
24	101	2210	0.895	19.578
25	85	2295	0.753	20.331
26	95	2390	0.842	21.173
27	118	2508	1.045	22.218
28	115	2623	1.019	23.237
29	99	2722	0.877	24.114
30	123	2845	1.090	25.204
31	93	2938	0.824	26.028
32	93	3031	0.824	26.852
33	100	3131	0.886	27.737
34	66	3197	0.585	28.322
35	61	3258	0.540	28.863
36	83	3341	0.735	29.598
37	50	3391	0.443	30.041
38	66	3457	0.585	30.625
39	77	3534	0.682	31.308
40	62	3596	0.549	31.857
41	55	3651	0.487	32.344
42	53	3704	0.470	32.814
43	47	3751	0.416	33.230
44	58	3809	0.514	33.744
45	67	3876	0.594	34.337
46	69	3945	0.611	34.949
47	53	3998	0.470	35.418
48	60	4058	0.532	35.950
49	60	4118	0.532	36.481
50	44	4162	0.390	36.871
51	50	4212	0.443	37.314
52	43	4255	0.381	37.695
53	33	4288	0.292	37.987
54	59	4347	0.523	38.510

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## TRANSCRIPT-LEVEL FILE FREQUENCIES

10:32 THURSDAY, AUGUST 15, 1985 369

TCREDA	TOT FREQUENCY	CRED. ATTEMPTED CUM FREQ	PERCENT	CUM PERCENT
55	50	4397	0.443	38.953
56	62	4459	0.549	39.502
57	65	4524	0.576	40.078
58	61	4585	0.540	40.618
59	53	4638	0.470	41.088
60	71	4709	0.629	41.717
61	68	4777	0.602	42.319
62	67	4844	0.594	42.913
63	84	4928	0.744	43.657
64	82	5010	0.726	44.383
65	61	5071	0.540	44.924
66	72	5143	0.638	45.562
67	57	5200	0.505	46.067
68	66	5266	0.585	46.651
69	65	5331	0.576	47.227
70	47	5378	0.416	47.644
71	58	5436	0.514	48.157
72	56	5492	0.496	48.653
73	38	5530	0.337	48.990
74	46	5576	0.408	49.398
75	48	5622	0.408	49.805
76	42	5664	0.372	50.177
77	40	5704	0.354	50.532
78	37	5741	0.328	50.859
79	38	5779	0.337	51.196
80	28	5807	0.248	51.444
81	38	5845	0.337	51.781
82	37	5882	0.328	52.108
83	44	5926	0.390	52.498
84	31	5957	0.275	52.773
85	29	5986	0.257	53.030
86	28	6014	0.248	53.278
87	36	6050	0.319	53.597
88	48	6098	0.425	54.022
89	38	6136	0.337	54.359
90	49	6185	0.434	54.793
91	40	6225	0.354	55.147
92	24	6249	0.213	55.360
93	37	6286	0.328	55.687
94	29	6315	0.257	55.944
95	26	6341	0.230	56.175
96	38	6379	0.337	56.511
97	37	6416	0.328	56.839
98	26	6442	0.230	57.069
99	32	6474	0.283	57.353
100	36	6510	0.319	57.672
101	29	6539	0.257	57.929
102	21	6560	0.186	58.115
103	35	6595	0.310	58.425
104	34	6629	0.301	58.726
105	27	6656	0.239	58.965
106	35	6691	0.310	59.275
107	35	6726	0.310	59.585
108	30	6756	0.266	59.851
109	44	6800	0.390	60.241

## TRANSCRIPT-LEVEL FILE FREQUENCIES

10:32 THURSDAY, AUGUST 15, 1985 370

TCREDA	FREQUENCY	TOT. CRED. ATTEMPTED CUM FREQ	PERCENT	CUM PERCENT
110	32	6832	0.283	60.524
111	37	6869	0.328	60.852
112	23	6892	0.204	61.056
113	31	6923	0.275	61.331
114	36	6959	0.319	61.650
115	34	6993	0.301	61.951
116	31	7024	0.275	62.225
117	47	7071	0.416	62.642
118	38	7109	0.337	62.978
119	33	7142	0.292	63.271
120	48	7190	0.425	63.696
121	45	7235	0.399	64.095
122	60	7295	0.532	64.626
123	69	7364	0.611	65.237
124	55	7419	0.487	65.725
125	42	7461	0.372	66.097
126	49	7510	0.434	66.531
127	49	7559	0.434	66.965
128	47	7606	0.416	67.381
129	45	7651	0.399	67.780
130	41	7692	0.363	68.143
131	52	7744	0.461	68.604
132	42	7786	0.372	68.976
133	38	7824	0.337	69.313
134	33	7857	0.292	69.605
135	30	7887	0.266	69.871
136	27	7914	0.239	70.110
137	23	7937	0.204	70.314
138	15	7952	0.133	70.446
139	15	7967	0.133	70.579
140	25	7992	0.221	70.801
141	11	8003	0.097	70.898
142	16	8019	0.142	71.040
143	22	8041	0.195	71.235
144	17	8058	0.151	71.386
145	13	8071	0.115	71.501
146	18	8089	0.159	71.660
147	3	8092	0.027	71.687
148	17	8109	0.151	71.837
149	10	8119	0.089	71.926
150	7	8126	0.062	71.988
151	16	8142	0.142	72.130
152	6	8148	0.053	72.183
153	10	8158	0.089	72.271
154	12	8170	0.106	72.378
155	5	8175	0.044	72.422
156	4	8179	0.035	72.457
157	14	8193	0.124	72.582
158	8	8201	0.071	72.652
159	5	8206	0.044	72.697
160	7	8213	0.062	72.759
161	6	8219	0.053	72.812
162	2	8221	0.018	72.830
163	6	8227	0.053	72.883
164	10	8237	0.089	72.971



## TRANSCRIPT-LEVEL FILE FREQUENCIES

10:32 THURSDAY, AUGUST 15, 1985 371

TCREDA	FREQUENCY	TOT. CRED. ATTEMPTED CUM FREQ	PERCENT	CUM PERCENT
165	4	8241	0.035	73.007
166	3	8244	0.027	73.033
167	6	8250	0.053	73.086
168	4	8254	0.035	73.122
169	8	8262	0.071	73.193
170	5	8267	0.044	73.237
171	7	8274	0.062	73.299
172	5	8279	0.044	73.343
173	7	8286	0.062	73.405
174	6	8292	0.053	73.459
175	6	8298	0.053	73.512
176	10	8308	0.089	73.600
177	2	8310	0.018	73.618
178	6	8316	0.053	73.671
179	7	8323	0.062	73.733
180	8	8331	0.071	73.804
181	11	8342	0.097	73.901
182	6	8348	0.053	73.955
184	7	8355	0.062	74.017
185	9	8364	0.080	74.096
186	6	8370	0.053	74.150
187	6	8376	0.053	74.203
188	2	8378	0.018	74.220
189	5	8383	0.044	74.265
190	5	8388	0.044	74.309
191	6	8394	0.053	74.362
192	6	8400	0.053	74.415
193	5	8405	0.044	74.460
194	4	8409	0.035	74.495
195	3	8412	0.027	74.522
196	6	8418	0.053	74.575
197	3	8421	0.027	74.601
198	4	8425	0.035	74.637
199	2	8427	0.018	74.655
200	2	8429	0.018	74.672
201	3	8432	0.027	74.699
202	6	8438	0.053	74.752
203	3	8441	0.027	74.779
204	2	8443	0.018	74.796
205	3	8446	0.027	74.823
206	1	8447	0.009	74.832
207	1	8448	0.009	74.841
209	1	8449	0.009	74.849
210	2	8451	0.018	74.867
212	1	8452	0.009	74.876
213	2	8454	0.018	74.894
214	3	8457	0.027	74.920
215	1	8458	0.009	74.929
216	1	8459	0.009	74.938
219	1	8460	0.009	74.947
220	1	8461	0.009	74.956
222	1	8462	0.009	74.965
223	1	8463	0.009	74.973
224	1	8464	0.009	74.982
228	1	8465	0.009	74.991

TRANSCRIPT-LEVEL FILE FREQUENCIES

10:32 THURSDAY, AUGUST 15, 1985 372

TCREDA	TOT. CRED. ATTEMPTED FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
229	2	8467	0.018	75.009
232	1	8468	0.009	75.018
233	1	8469	0.009	75.027
237	2	8471	0.018	75.044
240	1	8472	0.009	75.053
271	1	8473	0.009	75.062
298	1	8474	0.009	75.071
319	1	8475	0.009	75.080
*MISS/NONE	2813	11288	24.920	100.000

## TRANSCRIPT-LEVEL FILE FREQUENCIES

10:32 THURSDAY, AUGUST 15, 1985 373

TCREDE	FREQUENCY	TOT. CRED. EARNED CUM FREQ	PERCENT	CUM PERCENT
1	55	55	0.487	0.487
2	58	113	0.514	1.001
3	300	413	2.658	3.659
4	115	528	1.019	4.678
5	72	600	0.638	5.315
6	243	843	2.153	7.468
7	79	922	0.700	8.168
8	90	1012	0.797	8.965
9	189	1201	1.674	10.640
10	120	1321	1.063	11.703
11	68	1389	0.602	12.305
12	188	1577	1.665	13.971
13	109	1686	0.866	14.836
14	75	1761	0.664	15.601
15	129	1890	1.143	16.743
16	107	1997	0.948	17.691
17	75	2072	0.664	18.356
18	106	2178	0.939	19.295
19	69	2247	0.611	19.906
20	77	2324	0.682	20.588
21	88	2412	0.780	21.368
22	70	2482	0.620	21.988
23	71	2553	0.629	22.617
24	90	2643	0.797	23.414
25	83	2726	0.735	24.150
26	82	2808	0.726	24.876
27	94	2902	0.833	25.709
28	91	2993	0.806	26.515
29	77	3070	0.682	27.197
30	92	3162	0.815	28.012
31	92	3254	0.815	28.827
32	85	3339	0.753	29.580
33	92	3431	0.815	30.395
34	70	3501	0.620	31.015
35	64	3565	0.567	31.582
36	77	3642	0.682	32.264
37	49	3691	0.434	32.698
38	59	3750	0.523	33.221
39	55	3805	0.487	33.708
40	55	3860	0.487	34.196
41	58	3918	0.514	34.709
42	50	3968	0.443	35.152
43	44	4012	0.390	35.542
44	41	4053	0.363	35.905
45	63	4116	0.558	36.464
46	66	4182	0.585	37.048
47	63	4245	0.558	37.606
48	69	4314	0.611	38.218
49	58	4372	0.514	38.731
50	42	4414	0.372	39.103
51	49	4463	0.434	39.538
52	46	4509	0.408	39.945
53	32	4541	0.283	40.229
54	59	4600	0.523	40.751

## TRANSCRIPT-LEVEL FILE FREQUENCIES

10:32 THURSDAY, AUGUST 15, 1985 374

TCREDE	TOT. CRED. EARNED			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
55	47	4647	0.416	41.168
56	63	4710	0.558	41.726
57	59	4769	0.523	42.248
58	48	4817	0.425	42.674
59	51	4868	0.452	43.125
60	83	4951	0.735	43.861
61	68	5019	0.602	44.463
62	62	5081	0.549	45.012
63	88	5169	0.780	45.792
64	76	5245	0.673	46.465
65	69	5314	0.611	47.077
66	63	5377	0.558	47.635
67	62	5439	0.549	48.184
68	61	5500	0.540	48.724
69	62	5562	0.549	49.274
70	43	5605	0.381	49.655
71	41	5646	0.363	50.018
72	58	5704	0.514	50.532
73	42	5746	0.372	50.904
74	42	5788	0.372	51.276
75	37	5825	0.328	51.603
76	31	5856	0.275	51.878
77	31	5887	0.275	52.153
78	25	5912	0.221	52.374
79	28	5940	0.248	52.622
80	29	5969	0.257	52.879
81	35	6004	0.310	53.189
82	30	6034	0.266	53.455
83	42	6076	0.372	53.827
84	36	6112	0.319	54.146
85	18	6130	0.159	54.305
86	25	6155	0.221	54.527
87	38	6193	0.337	54.864
88	31	6224	0.275	55.138
89	30	6254	0.266	55.404
90	47	6301	0.416	55.820
91	30	6331	0.266	56.086
92	25	6356	0.221	56.308
93	42	6398	0.372	56.680
94	21	6419	0.186	56.866
95	24	6443	0.213	57.078
96	28	6471	0.248	57.326
97	27	6498	0.239	57.566
98	18	6516	0.159	57.725
99	24	6540	0.213	57.938
100	36	6576	0.319	58.257
101	25	6601	0.221	58.478
102	27	6628	0.239	58.717
103	28	6656	0.248	58.965
104	31	6687	0.275	59.240
105	20	6707	0.177	59.417
106	31	6738	0.275	59.692
107	25	6763	0.221	59.913
108	24	6787	0.213	60.126
109	31	6818	0.275	60.400

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## TRANSCRIPT-LEVEL FILE FREQUENCIES

10:32 THURSDAY, AUGUST 15, 1985 375

TCREDE	TOT. CRED. EARNED			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
110	26	6844	0.230	60.631
111	39	6883	0.345	60.976
112	32	6915	0.283	61.260
113	36	6951	0.319	61.579
114	37	6988	0.328	61.906
115	36	7024	0.319	62.225
116	35	7059	0.310	62.535
117	45	7104	0.399	62.934
118	48	7152	0.425	63.359
119	34	7186	0.301	63.661
120	65	7251	0.576	64.236
121	47	7298	0.416	64.653
122	55	7353	0.487	65.140
123	45	7398	0.399	65.539
124	50	7448	0.443	65.982
125	31	7479	0.275	66.256
126	35	7514	0.310	66.566
127	35	7549	0.310	66.876
128	54	7603	0.478	67.355
129	45	7648	0.399	67.753
130	40	7688	0.354	68.108
131	32	7720	0.283	68.391
132	35	7755	0.310	68.701
133	29	7784	0.257	68.958
134	24	7808	0.213	69.171
135	20	7828	0.177	69.348
136	22	7850	0.195	69.543
137	18	7868	0.159	69.702
138	12	7880	0.106	69.809
139	13	7893	0.115	69.924
140	9	7902	0.080	70.004
141	10	7912	0.089	70.092
142	8	7920	0.071	70.163
143	12	7932	0.106	70.269
144	5	7937	0.044	70.314
145	9	7946	0.080	70.393
146	11	7957	0.097	70.491
147	8	7965	0.071	70.562
148	18	7983	0.159	70.721
149	4	7987	0.035	70.757
150	6	7993	0.053	70.810
151	8	8001	0.071	70.881
152	4	8005	0.035	70.916
153	6	8011	0.053	70.969
154	7	8018	0.062	71.031
155	4	8022	0.035	71.067
156	4	8026	0.035	71.102
157	9	8035	0.080	71.182
158	8	8043	0.071	71.253
159	3	8046	0.027	71.279
160	2	8048	0.018	71.297
161	7	8055	0.062	71.359
162	10	8065	0.089	71.448
163	7	8072	0.062	71.510
164	7	8079	0.062	71.572

## TRANSCRIPT-LEVEL FILE FREQUENCIES

10:32 THURSDAY, AUGUST 15, 1985 376

TCREDE	TDT. CRED. EARNED			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
165	5	8084	0.044	71.616
166	7	8091	0.062	71.678
167	5	8096	0.044	71.722
168	5	8101	0.044	71.766
169	6	8107	0.053	71.820
170	6	8113	0.053	71.873
171	9	8122	0.080	71.953
172	5	8127	0.044	71.997
173	4	8131	0.035	72.032
174	3	8134	0.027	72.059
175	8	8142	0.071	72.130
176	11	8153	0.087	72.227
177	1	8154	0.009	72.236
178	2	8156	0.018	72.254
179	5	8161	0.044	72.298
180	7	8168	0.062	72.360
181	5	8173	0.044	72.404
182	1	8174	0.009	72.413
183	2	8176	0.018	72.431
184	10	8186	0.089	72.519
185	7	8193	0.062	72.582
186	7	8200	0.062	72.644
187	7	8207	0.062	72.706
188	2	8209	0.018	72.723
189	2	8211	0.018	72.741
190	4	8215	0.035	72.776
191	2	8217	0.018	72.794
192	5	8222	0.044	72.838
193	6	8228	0.053	72.892
194	2	8230	0.018	72.909
195	2	8232	0.018	72.927
196	1	8233	0.009	72.936
197	1	8234	0.009	72.945
198	2	8236	0.018	72.962
199	4	8240	0.035	72.998
200	1	8241	0.009	73.007
201	1	8242	0.009	73.016
202	4	8246	0.035	73.051
204	2	8248	0.018	73.069
205	1	8249	0.009	73.078
207	1	8250	0.009	73.086
208	2	8252	0.018	73.104
209	1	8253	0.009	73.113
210	1	8254	0.009	73.122
211	1	8255	0.009	73.131
214	1	8256	0.009	73.140
215	1	8257	0.009	73.148
216	1	8258	0.009	73.157
217	1	8259	0.009	73.166
220	1	8260	0.009	73.175
223	1	8261	0.009	73.184
234	1	8262	0.009	73.193
271	1	8263	0.009	73.202
298	1	8264	0.009	73.210
319	1	8265	0.009	73.219

TRANSCRIPT-LEVEL FILE FREQUENCIES

10:32 THURSDAY, AUGUST 15, 1985 377

TCREDE	FREQUENCY	TOT. CRED. EARNED CUM FREQ	PERCENT	CUM PERCENT
*MISS/NONE	3023	11288	26.781	100.000

TERM-LEVEL FILE FREQUENCIES

10:32 THURSDAY, AUGUST 15, 1985 378

RECTYPE3	RECORD TYPE INDICATR			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
TERM	51730	51730	100.000	100.000

TRANSMUM	TRANSCRIPT NUMBER			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	38585	38585	74.589	74.589
2	10995	49580	21.255	95.844
3	1916	51496	3.704	99.548
4	226	51722	0.437	99.985
5	8	51730	0.015	100.000

TERMNUM	TERM # ON TRNSCRIPT			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	9384	9384	18.140	18.140
2	7997	17381	15.459	33.599
3	6797	24178	13.139	46.739
4	5885	30063	11.376	58.115
5	4976	35039	9.619	67.734
6	4241	39280	8.198	75.933
7	3523	42803	6.810	82.743
8	2943	45746	5.689	88.432
9	2159	47905	4.174	92.606
10	1501	49406	2.902	95.507
11	1010	50416	1.952	97.460
12	647	51063	1.251	98.711
13	360	51423	0.696	99.407
14	181	51604	0.350	99.756
15	63	51667	0.122	99.878
16	21	51688	0.041	99.919
17	9	51697	0.017	99.936
18	8	51705	0.015	99.952
19	6	51711	0.012	99.963
20	4	51715	0.008	99.971
21	4	51719	0.008	99.979
22	3	51722	0.006	99.985
23	1	51723	0.002	99.986
24	1	51724	0.002	99.988
25	1	51725	0.002	99.990
26	1	51726	0.002	99.992
27	1	51727	0.002	99.994
28	1	51728	0.002	99.996
29	1	51729	0.002	99.998
30	1	51730	0.002	100.000



TERM-LEVEL FILE FREQUENCIES

10:32 THURSDAY, AUGUST 15, 1985 379

SORTDATE	DATE OF TERM (YYMM)			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
7809	22	22	0.043	0.043
7899	6	28	0.012	0.054
7901	35	63	0.068	0.122
7904	10	73	0.019	0.141
7905	3	76	0.006	0.147
7906	56	132	0.108	0.255
7907	16	148	0.031	0.286
7908	2	150	0.004	0.290
7909	134	284	0.259	0.549
7910	3	287	0.006	0.555
7911	2	289	0.004	0.559
7912	5	294	0.010	0.568
7999	24	318	0.046	0.615
8001	257	575	0.497	1.112
8002	5	580	0.010	1.121
8003	4	584	0.008	1.129
8004	45	629	0.087	1.216
8005	27	656	0.052	1.268
8006	398	1054	0.769	2.038
8007	140	1194	0.271	2.308
8008	46	1240	0.089	2.397
8009	5784	7024	11.181	13.578
8010	88	7112	0.170	13.748
8011	19	7131	0.037	13.785
8012	32	7163	0.062	13.847
8099	239	7402	0.462	14.309
8101	5664	13066	10.849	25.258
8102	27	13093	0.052	25.310
8103	21	13114	0.041	25.351
8104	1346	14460	2.602	27.953
8105	26	14486	0.050	28.003
8106	1071	15557	2.070	30.073
8107	443	16000	0.856	30.930
8108	29	16029	0.056	30.986
8109	5260	21289	10.168	41.154
8110	26	21315	0.050	41.204
8111	10	21325	0.019	41.224
8112	13	21338	0.025	41.249
8199	83	21421	0.160	41.409
8201	5199	26620	10.050	51.460
8202	22	26642	0.043	51.502
8203	22	26664	0.043	51.545
8204	1144	27808	2.211	53.756
8205	32	27840	0.062	53.818
8206	1157	28997	2.237	56.055
8207	432	29429	0.835	56.890
8208	12	29441	0.023	56.913
8209	4456	33897	8.614	65.527
8210	21	33918	0.041	65.567
8211	9	33927	0.017	65.585
8212	7	33934	0.014	65.598
8299	74	34008	0.143	65.741
8301	4353	38361	8.415	74.156
8302	13	38374	0.025	74.181

TERM-LEVEL FILE FREQUENCIES

10:32 THURSDAY, AUGUST 15, 1985 380

SORTDATE	DATE OF TERM (YYMM)			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
8303	17	38391	0.033	74.214
8304	926	39317	1.790	76.004
8305	35	39352	0.068	76.072
8306	1244	40596	2.405	78.477
8307	394	40990	0.762	79.238
8308	20	41010	0.039	79.277
8309	3881	44891	7.502	86.779
8310	14	44905	0.027	86.806
8311	9	44914	0.017	86.824
8312	8	44922	0.015	86.839
8399	44	44966	0.085	86.924
8401	3690	48656	7.133	94.058
8402	5	48661	0.010	94.067
8403	11	48672	0.021	94.089
8404	705	49377	1.363	95.451
8405	26	49403	0.050	95.502
8406	637	50040	1.231	96.733
8407	178	50218	0.344	97.077
8408	2	50220	0.004	97.081
8409	159	50379	0.307	97.388
8410	2	50381	0.004	97.392
8412	1	50382	0.002	97.394
8499	20	50402	0.039	97.433
9999	1328	51730	2.567	100.000

TRANSFER	TR CRSES IN TRNSCRIPT			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
NO	48805	48805	94.346	94.346
YES	2925	51730	5.654	100.000

TERMTYPE	TYPE OF TERM			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
VAR/NONCOURSE	1748	1748	3.379	3.379
SEMESTER	33683	35431	65.113	68.492
TRIMESTER	592	36023	1.144	69.637
QUARTER	14385	50408	27.808	97.444
TEST	464	50872	0.897	98.341
UNDATED	857	51729	1.657	99.998
MISSING	1	51730	0.002	100.000

TERM-LEVEL FILE FREQUENCIES

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COURSES	# OF CRSES THIS TERM			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	6490	6490	12.546	12.546
2	4841	11331	9.358	21.904
3	6096	17427	11.784	33.688
4	11429	28856	22.094	55.782
5	11966	40822	23.132	78.914
6	6581	47403	12.722	91.635
7	2351	49754	4.545	96.180
8	925	50679	1.788	97.968
9	360	51039	0.696	98.664
10	211	51250	0.408	99.072
11	113	51363	0.218	99.291
12	67	51430	0.130	99.420
13	32	51462	0.062	99.482
14	34	51496	0.066	99.548
15	23	51519	0.044	99.592
16	26	51545	0.050	99.642
17	22	51567	0.043	99.685
18	22	51589	0.043	99.727
19	21	51610	0.041	99.768
20	21	51631	0.041	99.809
21	21	51652	0.041	99.849
22	18	51670	0.035	99.884
23	17	51687	0.033	99.917
24	9	51696	0.017	99.934
25	7	51703	0.014	99.948
26	8	51711	0.015	99.963
27	4	51715	0.008	99.971
28	2	51717	0.004	99.975
29	2	51719	0.004	99.979
30	2	51721	0.004	99.983
31	1	51722	0.002	99.985
32	3	51725	0.006	99.990
33	1	51726	0.002	99.992
34	1	51727	0.002	99.994
35	1	51728	0.002	99.996
40	1	51729	0.002	99.998
60	1	51730	0.002	100.000

TERM-LEVEL FILE FREQUENCIES

10:32 THURSDAY, AUGUST 15, 1985 382

STARTMON	TERM START MONTH			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
JANUARY	18190	18190	37.096	37.096
FEBRUARY	71	18261	0.137	37.234
MARCH	67	18328	0.130	37.363
APRIL	4175	22503	8.071	45.434
MAY	128	22631	0.247	45.681
JUNE	4543	28174	8.782	54.464
JULY	1599	28773	3.091	57.555
AUGUST	98	28871	0.189	57.744
SEPTEMBER	19692	48563	38.067	95.811
OCTOBER	146	48709	0.282	96.093
NOVEMBER	45	48754	0.087	96.180
DECEMBER	56	48810	0.108	96.288
MISSING	1920	51730	3.712	100.000

STARTYR	TERM START YEAR			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1878	28	28	0.054	0.054
1879	287	315	0.555	0.609
1880	7068	7383	13.663	14.272
1881	13892	21275	27.048	41.320
1882	12559	33834	24.278	65.598
1883	10838	44672	21.144	86.743
1884	5428	50100	10.493	97.236
MISSING	1430	51730	2.764	100.000

ENDMON	TERM END MONTH			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
JANUARY	237	237	0.458	0.458
FEBRUARY	89	326	0.172	0.630
MARCH	4650	4976	8.989	9.619
APRIL	75	5051	0.145	9.764
MAY	14528	19579	28.084	37.848
JUNE	4320	23899	8.351	46.199
JULY	71	23970	0.137	46.337
AUGUST	6087	30057	11.767	58.104
SEPTEMBER	100	30157	0.193	58.297
OCTOBER	136	30293	0.263	58.560
NOVEMBER	54	30347	0.104	58.664
DECEMBER	19522	49869	37.738	96.402
MISSING	1861	51730	3.598	100.000

# TERM-LEVEL FILE FREQUENCIES

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ENDYR	TERM END YEAR			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1978	24	24	0.046	0.046
1979	264	288	0.510	0.557
1980	6704	6992	12.960	13.516
1981	14112	21104	27.280	40.796
1982	12735	33839	24.618	65.415
1983	11055	44894	21.371	86.785
1984	5465	50359	10.564	97.350
MISSING	1371	51730	2.650	100.000

SEASON	SEASON OF THIS TERM			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
FALL	19464	19464	37.626	37.626
WINTER	4933	24397	9.536	47.162
SPRING	18114	42511	35.016	82.179
SUMMER	6000	48511	11.599	93.777
MISSING	3219	51730	6.223	100.000

GRADCODE	GRADE SCALE TYPE			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
LETTER	50953	50953	98.498	98.498
NUMERIC	776	51729	1.500	99.998
MISSING	1	51730	0.002	100.000

PASSGRAD	PASSING GRADE (NUM)			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	577	577	1.115	1.115
2	16	593	0.031	1.146
60	11	604	0.021	1.168
65	21	625	0.041	1.208
69	11	636	0.021	1.229
70	106	742	0.205	1.434
75	15	757	0.029	1.463
80	11	768	0.021	1.485
999	50962	51730	98.515	100.000

HIGHGRAD	SCALE HIGHEST GRADE			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
4	576	576	1.113	1.113
100	175	751	0.338	1.452
999	50979	51730	98.548	100.000

TERM-LEVEL FILE FREQUENCIES

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LOWGRAD	FREQUENCY	SCALE LOWEST GRADE CUM FREQ	PERCENT	CUM PERCENT
0	764	764	1.477	1.477
70	1	765	0.002	1.479
999	50965	51730	98.521	100.000

## COURSE-LEVEL FILE FREQUENCIES

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RECTYPE4	RECORD TYPE INDICATR			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
COURSE	216426	216426	100.000	100.000

TRANSMUM	TRANSCRIPT NUMBER			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	161677	161677	74.703	74.703
2	46007	207684	21.258	95.961
3	7812	215496	3.610	99.570
4	895	216391	0.414	99.984
5	35	216426	0.016	100.000

TERMMUM	TERM # ON TRANSCRIPT			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	42173	42173	19.486	19.486
2	35416	77589	16.364	35.850
3	27981	105570	12.929	48.779
4	24982	130552	11.543	60.322
5	20641	151193	9.537	69.859
6	17612	168805	8.138	77.997
7	13738	182543	6.348	84.344
8	11809	194352	5.456	89.801
9	8438	202790	3.899	93.699
10	5492	208282	2.538	96.237
11	3600	211882	1.663	97.900
12	2343	214225	1.063	98.963
13	1217	215442	0.562	99.525
14	623	216065	0.286	99.811
15	176	216241	0.081	99.892
16	73	216314	0.034	99.926
17	25	216339	0.012	99.938
18	19	216358	0.009	99.947
19	12	216370	0.006	99.953
20	12	216382	0.006	99.959
21	8	216390	0.004	99.963
22	16	216406	0.007	99.970
23	1	216407	0.000	99.971
24	1	216408	0.000	99.972
25	5	216413	0.002	99.974
26	5	216418	0.002	99.976
27	3	216421	0.001	99.978
28	3	216424	0.001	99.979
29	1	216425	0.000	100.000
30	1	216426	0.000	100.000

## COURSE-LEVEL FILE FREQUENCIES

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CRSECD	CRSE CREDITS POSSIBL FREQUENCY CUM FREQ	PERCENT	CUM PERCENT
0	5987	5987	2.766
0.05	8	5995	2.770
0.1	7	6002	2.773
0.12	4	6006	2.775
0.15	2	6008	2.776
0.16	5	6013	2.778
0.17	4	6017	2.780
0.2	13	6030	2.786
0.22	3	6033	2.788
0.25	110	6143	2.838
0.26	1	6144	2.839
0.3	31	6175	2.853
0.33	13	6188	2.859
0.4	4	6192	2.861
0.45	5	6197	2.863
0.5	1497	7694	3.555
0.51	1	7695	3.555
0.55	2	7697	3.556
0.6	19	7716	3.565
0.65	2	7718	3.566
0.66	33	7751	3.581
0.67	85	7836	3.621
0.7	21	7857	3.630
0.75	32	7889	3.645
0.8	18	7907	3.653
0.83	1	7908	3.654
0.85	2	7910	3.655
0.87	1	7911	3.655
0.88	2	7913	3.656
0.89	21	7934	3.666
0.9	5	7939	3.668
0.92	3	7942	3.670
1	23926	31868	11.055
1.05	33	31901	14.740
1.2	4	31905	14.742
1.22	1	31906	14.742
1.25	13	31919	14.748
1.28	2	31921	14.749
1.3	35	31956	14.765
1.33	66	32022	14.796
1.34	2	32024	14.797
1.4	2	32026	14.798
1.5	718	32744	15.129
1.6	43	32787	15.149
1.66	1	32788	15.150
1.67	9	32797	15.154
1.76	2	32799	15.155
1.92	4	32803	15.157
2	14372	47173	21.787
2.01	13	47188	21.803
2.04	1	47189	21.804
2.05	1	47190	21.804
2.09	1	47191	21.805
2.2	1	47192	21.805



## COURSE-LEVEL FILE FREQUENCIES

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CRSECD	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
2.25	4	47196	0.002	21.807
2.3	2	47198	0.001	21.808
2.5	243	47441	0.112	21.920
2.6	134	47575	0.062	21.982
2.66	73	47648	0.034	22.016
2.67	238	47886	0.110	22.126
2.68	2	47888	0.001	22.127
2.7	64	47952	0.030	22.156
2.74	1	47953	0.000	22.157
2.75	10	47963	0.005	22.161
2.8	2	47965	0.001	22.162
2.9	4	47969	0.002	22.164
3	110936	158905	51.258	73.422
3.1	1	158906	0.000	73.423
3.2	3	158909	0.001	73.424
3.25	9	158918	0.004	73.428
3.3	132	159050	0.061	73.489
3.33	195	159245	0.090	73.579
3.34	1	159246	0.000	73.580
3.35	2	159248	0.001	73.581
3.38	1	159249	0.000	73.581
3.4	3	159252	0.001	73.583
3.5	192	159444	0.089	73.671
3.66	1	159445	0.000	73.672
3.67	7	159452	0.003	73.675
3.7	22	159474	0.010	73.685
3.75	2	159476	0.001	73.686
4	32199	191675	14.878	88.564
4.05	3	191678	0.001	88.565
4.09	1	191679	0.000	88.566
4.2	1	191680	0.000	88.566
4.44	2	191682	0.001	88.567
4.5	807	192489	0.373	88.940
4.66	1	192490	0.000	88.940
4.8	3	192493	0.001	88.942
5	10653	203146	4.922	93.864
5.2	2	203148	0.001	93.865
5.25	2	203150	0.001	93.866
5.3	5	203155	0.002	93.868
5.33	3	203158	0.001	93.869
5.4	1	203159	0.000	93.870
5.5	11	203170	0.005	93.875
5.9	1	203171	0.000	93.876
6	1471	204642	0.680	94.555
6.5	1	204643	0.000	94.556
6.6	1	204644	0.000	94.556
7	242	204886	0.112	94.668
7.33	1	204887	0.000	94.668
7.5	29	204916	0.013	94.682
8	410	205326	0.189	94.871
8.5	4	205330	0.002	94.873
8.75	1	205331	0.000	94.874
9	239	205570	0.110	94.984
9.99	4	205574	0.002	94.986
10	222	205796	0.103	95.088

## COURSE-LEVEL FILE FREQUENCIES

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CRSECD	FREQUENCY	CRSE CREDITS POSSIBL CUM FREQ	PERCENT	CUM PERCENT
10.1	1	205787	0.000	95.089
10.5	6	205803	0.003	95.092
10.6	2	205805	0.001	95.093
10.7	3	205808	0.001	95.094
11	53	205861	0.024	95.118
11.1	1	205862	0.000	95.119
11.2	1	205863	0.000	95.119
11.4	1	205864	0.000	95.120
12	220	206084	0.102	95.221
12.5	9	206093	0.004	95.226
13	20	206113	0.009	95.235
13.3	1	206114	0.000	95.235
13.4	1	206115	0.000	95.236
13.5	3	206118	0.001	95.237
13.6	1	206119	0.000	95.238
13.8	1	206120	0.000	95.238
14	29	206149	0.013	95.251
15	72	206221	0.033	95.285
16	12	206233	0.006	95.290
17	5	206238	0.002	95.293
18	34	206272	0.016	95.308
19	3	206275	0.001	95.310
19.5	1	206276	0.000	95.310
20	64	206340	0.030	95.340
20.5	1	206341	0.000	95.340
21	4	206345	0.002	95.342
21.5	1	206346	0.000	95.343
22	10	206356	0.005	95.347
23	4	206360	0.002	95.349
24	13	206373	0.006	95.355
25	20	206393	0.009	95.364
25.5	1	206394	0.000	95.365
26	15	206409	0.007	95.372
27	2	206411	0.001	95.373
27.5	1	206412	0.000	95.373
28	2	206414	0.001	95.374
29	1	206415	0.000	95.374
30	120	206535	0.055	95.430
31	1	206536	0.000	95.430
31.5	1	206537	0.000	95.431
32	3	206540	0.001	95.432
32.5	1	206541	0.000	95.433
33	4	206545	0.002	95.434
34	5	206550	0.002	95.437
35	18	206568	0.008	95.445
36	9	206577	0.004	95.449
37	4	206581	0.002	95.451
37.5	1	206582	0.000	95.452
39	3	206585	0.001	95.453
40	26	206611	0.012	95.465
40.5	1	206612	0.000	95.465
41	3	206615	0.001	95.467
42	8	206623	0.004	95.471
43	3	206626	0.001	95.472
45	25	206651	0.012	95.483

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CRSECD	FREQUENCY	CRSE CREDITS POSSIBL CUM FREQ	PERCENT	CUM PERCENT
45.3	1	206652	0.000	95.484
46	4	206656	0.002	95.486
47	4	206660	0.002	95.488
48	22	206682	0.010	95.498
49	3	206685	0.001	95.499
50	54	206739	0.025	95.524
51	4	206743	0.002	95.526
52	22	206765	0.010	95.536
53	1	206766	0.000	95.537
54	6	206772	0.003	95.539
55	34	206806	0.016	95.555
56	5	206811	0.002	95.557
57	3	206814	0.001	95.559
58	2	206816	0.001	95.560
60	131	206947	0.061	95.620
61	3	206950	0.001	95.622
62	3	206953	0.001	95.623
63	2	206955	0.001	95.624
65	10	206965	0.005	95.629
66	3	206968	0.001	95.630
67	9	206977	0.004	95.634
68	1	206978	0.000	95.635
69	2	206980	0.001	95.635
70	5	206985	0.002	95.638
72	9	206994	0.004	95.642
75	65	207059	0.030	95.672
76	1	207060	0.000	95.672
77	5	207065	0.002	95.675
78	12	207077	0.006	95.680
79	1	207078	0.000	95.681
80	8	207086	0.004	95.684
81	2	207088	0.001	95.685
81.2	1	207089	0.000	95.686
82	1	207090	0.000	95.686
84	3	207093	0.001	95.688
85	2	207095	0.001	95.689
87	3	207098	0.001	95.690
88	4	207102	0.002	95.692
89	1	207103	0.000	95.692
90	31	207134	0.014	95.707
91.5	2	207136	0.001	95.708
92	1	207137	0.000	95.708
93	1	207138	0.000	95.708
94	2	207140	0.001	95.709
96	1	207141	0.000	95.710
100	27	207168	0.012	95.722
102	1	207169	0.000	95.723
103	1	207170	0.000	95.723
104	13	207183	0.006	95.729
105	6	207189	0.003	95.732
106	1	207190	0.000	95.732
107	1	207191	0.000	95.733
108	4	207195	0.002	95.735
110	8	207203	0.004	95.738
111	1	207204	0.000	95.739

## COURSE-LEVEL FILE FREQUENCIES

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CRSE	FREQUENCY	CREDITS	PSSIBL	CUM	PERCENT
SEC					
112	4	207208	0.002	95.741	
114	2	207210	0.001	95.742	
117	2	207212	0.001	95.743	
118	2	207214	0.001	95.744	
119	2	207216	0.001	95.745	
120	25	207241	0.012	95.756	
121	3	207244	0.001	95.757	
122	1	207245	0.000	95.758	
123	4	207249	0.002	95.760	
125	2	207251	0.001	95.761	
126	1	207252	0.000	95.761	
128	1	207253	0.000	95.762	
130	5	207258	0.002	95.764	
132	2	207260	0.001	95.765	
133	1	207261	0.000	95.765	
134	1	207262	0.000	95.766	
135	3	207265	0.001	95.767	
136	2	207267	0.001	95.768	
137	1	207268	0.000	95.769	
138	1	207269	0.000	95.769	
140	4	207273	0.002	95.771	
141	1	207274	0.000	95.771	
144	5	207279	0.002	95.774	
145	1	207280	0.000	95.774	
147	1	207281	0.000	95.775	
150	26	207307	0.012	95.787	
154	1	207308	0.000	95.787	
155	1	207309	0.000	95.787	
156	1	207310	0.000	95.788	
157	1	207311	0.000	95.788	
160	4	207315	0.002	95.790	
165	1	207316	0.000	95.791	
170	2	207318	0.001	95.792	
175	1	207319	0.000	95.792	
180	7	207326	0.003	95.795	
181	1	207327	0.000	95.796	
184	1	207328	0.000	95.796	
188	1	207329	0.000	95.797	
190	4	207333	0.002	95.799	
195	2	207335	0.001	95.799	
198	2	207337	0.001	95.800	
200	3	207340	0.001	95.802	
204	1	207341	0.000	95.802	
210	2	207343	0.001	95.803	
212	2	207345	0.001	95.804	
214	1	207346	0.000	95.805	
216	2	207348	0.001	95.805	
219	1	207349	0.000	95.806	
221	1	207350	0.000	95.806	
225	4	207354	0.002	95.808	
228	1	207355	0.000	95.809	
232	5	207360	0.002	95.811	
234	1	207361	0.000	95.812	
235	1	207362	0.000	95.812	
240	5	207367	0.002	95.814	

## COURSE-LEVEL FILE FREQUENCIES

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CRSECD	FREQUENCY	CRSE CREDITS POSSIBL CUM FREQ	PERCENT	CUM PERCENT
243	1	207368	0.000	95.815
246	1	207369	0.000	95.815
250	3	207372	0.001	95.817
255	1	207373	0.000	95.817
256	1	207374	0.000	95.818
258	1	207375	0.000	95.818
260	1	207376	0.000	95.818
264	1	207377	0.000	95.819
270	17	207394	0.008	95.827
298	2	207396	0.001	95.828
300	6	207402	0.003	95.830
302	1	207403	0.000	95.831
303	4	207407	0.002	95.833
312	1	207408	0.000	95.833
320	10	207418	0.005	95.838
330	2	207420	0.001	95.839
341	1	207421	0.000	95.839
342	6	207427	0.003	95.842
345	2	207429	0.001	95.843
350	2	207431	0.001	95.844
360	5	207436	0.002	95.846
362	1	207437	0.000	95.847
372	1	207438	0.000	95.847
382	1	207439	0.000	95.848
397	1	207440	0.000	95.848
400	3	207443	0.001	95.849
410	1	207444	0.000	95.850
418	1	207445	0.000	95.850
420	1	207446	0.000	95.851
421	1	207447	0.000	95.851
422	1	207448	0.000	95.852
425	1	207449	0.000	95.852
440	1	207450	0.000	95.853
467	1	207451	0.000	95.853
999.999	8975	216426	4.147	100.000

COURSE-LEVEL FILE FREQUENCIES

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CRSGRAOA	LETTR GRADE FOR CRJE			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
A	41135	41135	19.006	19.006
A+	259	41394	0.120	19.126
A-	3901	45295	1.802	20.929
AU	121	45416	0.056	20.985
B	50975	96391	23.553	44.538
B+	5289	101680	2.444	46.981
B-	3728	105408	1.723	48.704
C	41573	146981	19.209	67.913
C+	3997	150978	1.847	69.760
C-	1900	152878	0.878	70.638
CR	2927	155805	1.352	71.990
D	13166	168971	6.083	78.073
D+	877	169848	0.405	78.479
D-	332	170180	0.153	78.632
E	424	170604	0.196	78.828
F	9514	180118	4.396	83.224
I	1102	181220	0.509	83.733
NO	4486	185706	2.073	85.806
P	4860	190566	2.246	88.051
S	1825	192391	0.843	88.895
U	316	192707	0.146	89.041
W	11692	204399	5.402	94.443
WF	327	204726	0.151	94.594
WP	755	205481	0.349	94.943
99	10945	216426	5.057	100.000

## COURSE-LEVEL FILE FREQUENCIES

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CRSGRADB	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
0	169	169	0.078	0.078
0.7	6	175	0.003	0.081
0.8	1	176	0.000	0.081
1	138	314	0.064	0.145
1.1	1	315	0.000	0.146
1.2	7	322	0.003	0.149
1.3	9	331	0.004	0.153
1.32	1	332	0.000	0.153
1.4	7	339	0.003	0.157
1.5	119	458	0.055	0.212
1.6	8	466	0.004	0.215
1.7	23	489	0.011	0.226
1.8	13	502	0.006	0.232
1.85	1	503	0.000	0.232
1.9	9	512	0.004	0.237
1.95	1	513	0.000	0.237
2	360	873	0.166	0.403
2.1	11	884	0.005	0.408
2.12	4	888	0.002	0.410
2.15	1	889	0.000	0.411
2.2	19	908	0.009	0.420
2.21	1	909	0.000	0.420
2.24	1	910	0.000	0.420
2.3	19	929	0.009	0.429
2.31	1	930	0.000	0.430
2.34	1	931	0.000	0.430
2.35	1	932	0.000	0.431
2.4	23	955	0.011	0.441
2.45	2	957	0.001	0.442
2.49	1	958	0.000	0.443
2.5	307	1265	0.142	0.584
2.53	3	1268	0.001	0.586
2.54	1	1269	0.000	0.586
2.56	2	1271	0.001	0.587
2.58	1	1272	0.000	0.588
2.59	1	1273	0.000	0.588
2.6	29	1302	0.013	0.602
2.61	1	1303	0.000	0.602
2.62	1	1304	0.000	0.603
2.64	2	1306	0.001	0.603
2.7	36	1342	0.017	0.620
2.71	2	1344	0.001	0.621
2.72	1	1345	0.000	0.621
2.73	1	1346	0.000	0.622
2.8	35	1381	0.016	0.638
2.83	1	1382	0.000	0.639
2.84	1	1383	0.000	0.639
2.87	4	1387	0.002	0.641
2.88	1	1388	0.000	0.641
2.89	1	1389	0.000	0.642
2.9	35	1424	0.016	0.658
2.94	2	1426	0.001	0.659
2.95	1	1427	0.000	0.659
3	575	2002	0.266	0.925

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## COURSE-LEVEL FILE FREQUENCIES

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CRSGRADB	NUMER GRADE FOR CRSE			CUM PERCENT
	FREQUENCY	CUM FREQ	PERCENT	
3.03	1	2003	0.000	0.925
3.04	2	2005	0.001	0.926
3.08	2	2007	0.001	0.927
3.1	38	2045	0.018	0.945
3.14	3	2048	0.001	0.946
3.15	1	2049	0.000	0.947
3.16	1	2050	0.000	0.947
3.2	55	2105	0.025	0.973
3.21	1	2106	0.000	0.973
3.23	1	2107	0.000	0.974
3.25	1	2108	0.000	0.974
3.26	2	2110	0.001	0.975
3.29	1	2111	0.000	0.975
3.3	68	2179	0.031	1.007
3.31	2	2181	0.001	1.008
3.32	2	2183	0.001	1.009
3.33	2	2185	0.001	1.010
3.34	4	2189	0.002	1.011
3.35	1	2190	0.000	1.012
3.37	2	2192	0.001	1.013
3.39	2	2194	0.001	1.014
3.4	54	2248	0.025	1.039
3.41	1	2249	0.000	1.039
3.42	2	2251	0.001	1.040
3.47	2	2253	0.001	1.041
3.48	3	2256	0.001	1.042
3.5	418	2674	0.193	1.236
3.52	1	2675	0.000	1.236
3.55	3	2678	0.001	1.237
3.57	1	2679	0.000	1.238
3.58	1	2680	0.000	1.238
3.6	65	2745	0.030	1.268
3.61	1	2746	0.000	1.269
3.62	2	2748	0.001	1.270
3.65	1	2749	0.000	1.270
3.67	2	2751	0.001	1.271
3.7	62	2813	0.029	1.300
3.72	2	2815	0.001	1.301
3.75	4	2819	0.002	1.303
3.8	58	2877	0.027	1.329
3.85	2	2879	0.001	1.330
3.9	38	2917	0.018	1.348
3.98	1	2918	0.000	1.348
3.99	1	2919	0.000	1.349
4	616	3535	0.285	1.633
4.5	1	3536	0.000	1.634
5	35	3571	0.016	1.650
6	40	3611	0.018	1.668
7	14	3625	0.006	1.675
8	17	3642	0.008	1.683
9	160	3802	0.074	1.757
10	3	3805	0.001	1.758
16	1	3806	0.000	1.759
40	2	3808	0.001	1.759
50	3	3811	0.001	1.761



## COURSE-LEVEL FILE FREQUENCIES

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CRSGRADB	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
51	1	3812	0.000	1.761
57	1	3813	0.000	1.762
58	1	3814	0.000	1.762
60	5	3819	0.002	1.765
61	2	3821	0.001	1.765
62	4	3825	0.002	1.767
63	1	3826	0.000	1.768
64	4	3830	0.002	1.770
65	10	3840	0.005	1.774
66	6	3846	0.003	1.777
67	2	3848	0.001	1.778
68	7	3855	0.003	1.781
69	1	3856	0.000	1.782
69.5	1	3857	0.000	1.782
70	29	3886	0.013	1.796
71	12	3898	0.006	1.801
72	15	3913	0.007	1.808
73	14	3927	0.006	1.814
74	13	3940	0.006	1.820
75	28	3968	0.013	1.833
75.4	1	3969	0.000	1.834
75.6	1	3970	0.000	1.834
76	12	3982	0.006	1.840
76.6	1	3983	0.000	1.840
76.7	1	3984	0.000	1.841
76.8	1	3985	0.000	1.841
77	15	4000	0.007	1.848
77.7	1	4001	0.000	1.849
78	23	4024	0.011	1.859
78.3	1	4025	0.000	1.860
78.4	1	4026	0.000	1.860
78.8	1	4027	0.000	1.861
79	17	4044	0.003	1.869
79.7	2	4046	0.001	1.869
80	55	4101	0.025	1.895
80.6	1	4102	0.000	1.895
80.8	1	4103	0.000	1.896
81	28	4131	0.013	1.909
81.8	1	4132	0.000	1.909
82	23	4155	0.011	1.920
83	36	4191	0.017	1.936
83.3	2	4193	0.001	1.937
83.5	1	4194	0.000	1.938
83.8	1	4195	0.000	1.938
84	26	4221	0.012	1.950
85	42	4263	0.019	1.970
85.3	1	4264	0.000	1.970
85.5	3	4267	0.001	1.972
85.7	1	4268	0.000	1.972
86	25	4293	0.012	1.984
87	27	4320	0.012	1.996
87.2	1	4321	0.000	1.997
87.5	2	4323	0.001	1.997
88	31	4354	0.014	2.012
88.9	1	4355	0.000	2.012

## COURSE-LEVEL FILE FREQUENCIES

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CRSGRADE	NUMER GRADE FOR CRSE			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
89	35	4390	0.016	2.028
89.3	1	4391	0.000	2.029
90	55	4446	0.025	2.054
90.3	1	4447	0.000	2.055
90.6	1	4448	0.000	2.055
91	34	4482	0.016	2.071
92	30	4512	0.014	2.085
92.5	1	4513	0.000	2.085
93	22	4535	0.010	2.095
93.1	1	4536	0.000	2.096
93.2	1	4537	0.000	2.096
94	25	4562	0.012	2.108
94.2	1	4563	0.000	2.108
94.5	2	4565	0.001	2.109
95	37	4602	0.017	2.126
95.5	2	4604	0.001	2.127
96	29	4633	0.013	2.141
96.6	1	4634	0.000	2.141
97	15	4649	0.007	2.148
98	16	4665	0.007	2.155
98.5	2	4667	0.001	2.156
100	41	4708	0.019	2.175
999.999	211718	216426	97.825	100.000

GRADTYPE	TYPE OF GRADE			
	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
LETTER	205481	205481	94.943	94.943
NUMERIC	4708	210189	2.175	97.118
MISSING	6237	216426	2.882	100.000